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REGISTER

OF



# PACIFIC UNIVERSITY

1894-95

FOREST GROVE, OREGON

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REGISTER

OF

TUALATIN ACADEMY

AND

PACIFIC UNIVERSITY

1894—1895

WITH ANNOUNCEMENTS FOR

1895—1896

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FOREST GROVE, OREGON

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FOREST GROVE, OREGON:  
TIMES PUBLISHING HOUSE  
1895

1895.		1896.																									
DEC.	NOV.	SEPT.	OCT.	MON.	TUES.	WED.	THURS.	FRI.	SAT.	SUN.		MON.	TUES.	WED.	THURS.	FRI.	SAT.	SUN.		MON.	TUES.	WED.	THURS.	FRI.	SAT.		
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27	28	2	3	28	29	30	31																				
1896.		1895.												1896.													
DEC.	NOV.	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JULY.	JULY.	JULY.	JULY.	JULY.	MAY.	MON.	TUES.	WED.	THURS.	FRI.	SAT.	SUN.		MON.	TUES.	WED.	THURS.	FRI.	SAT.
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## CALENDAR.

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1895.

Sept. 18,	Wednesday.	The Fall Term begins at 10 A. M.
Sept. 20,	Friday.....	College Reception.
Nov. 28,	Thursday....}	Thanksgiving Recess.
Nov. 29,	Friday ....}	
Dec. 19,	Thursday....}	The Fall Term ends.
Dec. 20,	Friday.....}	
Dec. 31,	Tuesday....}	Christmas Recess.

1896.

Jan. 2,	Thursday...	The Winter Term begins at 10 A.M.
Jan. 3,	Friday.....	College Reception.
Jan. 30,	Thursday ..	Day of Prayer for Colleges.
Feb. 22,	Saturday....	Washington's Birthday Exercises.
March 27,	Friday.....	The Winter Term ends.
March 28,	Saturday....}	
March 31,	Tuesday ....}	Spring Recess.
April 1,	Wednesday.	The Spring Term begins at 10 A.M.
April 3,	Friday.....	College Reception.
June 13,	Saturday....	Anniversary of the Conservatory of Music.
June 14,	Sunday ....	Baccalaureate Sermon.
		Address before the College Chris- tian Associations.
June 15,	Monday....	Address before the Literary So- cieties.
June 16,	Tuesday ...	Closing Exercises of Tualatin Academy.
		Annual Meeting of the Alumni.
June 17,	Wednesday.	Commencement Exercises.
		Corporation Dinner.
		President's Reception.
		Commencement Concert.
Sept. 16,	Wednesday.	The Fall Term begins at 10 A.M.

## TRUSTEES.

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PRES. THOMAS McCLELLAND, D.D.,	Ex-officio,	Forest Grove.
HON. A. HINMAN, PRESIDENT.	.	Forest Grove.
HON. G. SHINDLER	.	Portland.
REV. MYRON EELLS, D.D.	.	Union City, Wn.
HON. HENRY FAILING	.	Portland.
HON. H. W. CORBETT	.	Portland.
HON. R. P. BOISE, LL.D.	.	Salem.
REV. T. E. CLAPP, D.D.	.	Manchester, N. H.
MR. MILTON W. SMITH, M.A.	.	Portland.
MR. LORIN H. ANDREWS	.	Oregon City.
MR. NAPOLEON DAVIS, M.A.	.	Portland.
MR. JOHN SOMMERSVILLE	.	Portland.
MR. A. N. GILBERT	.	Salem.

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## FINANCE COMMITTEE.

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PRES. THOMAS McCLELLAND,
PROF. JOSEPH W. MARSH,
HON. A. HINMAN,
MR. MILTON W. SMITH,
MR. NAPOLEON DAVIS.

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HON. HENRY FAILING	.	TREASURER.
REV. MYRON EELLS	.	SECRETARY.
MR. NAPOLEON DAVIS	.	ASSISTANT SECRETARY.
PROF. JOSEPH W. MARSH	.	LOCAL TREASURER.

## FACULTY AND INSTRUCTORS.

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REV. THOMAS McCLELLAND, D.D., PRESIDENT,  
*Professor of Mental and Moral Philosophy.*

JOSEPH WALKER MARSH, PH.D.,  
*Professor of Greek and Latin, and Librarian.*

WILLIAM NELSON FERRIN, M.A.,  
*Professor of Mathematics.*

THEODORE WHITTELSEY, B.A.,  
*Professor of Chemistry and Physics.*

FRANCIS ERNEST LLOYD, M.A.,  
*Professor of Biology and Geology.*

JAMES ROOD ROBERTSON, M.A.,  
*Acting Professor of History.*

HELEN AUGUSTA BROOKS, B.L.,  
*Principal of the Woman's Department and Instructor in English Language and Literature.*

JEAN FRANÇOIS REYNAUD, B.A.,  
*Instructor in Modern Languages.*

RACHEL GREEN LLOYD, B.L.,  
*Instructor in English Language and Literature.*

REV. HENRY LIBERTY BATES, M.A.,  
*Principal of the Academy.*

‡BURT EARDLEY POWELL, B.S.,  
*Instructor in History.*

MINNIE CATHERINE LANSING,  
*Instructor in the Academy.*

HOMER CHARLES ATWELL,  
*Instructor in Greek and Latin.*

CLARA WHITE COOLEY, A.C.M.,  
*Director of the Conservatory of Music and Instructor in  
Piano-forte, Organ and Theory.*

HARRIET DAY McCLELLAND,  
*Instructor in Vocal Music.*

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J. M. GARRISON, M.A.,  
*Instructor in Penmanship.*

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†Until close of Spring Term, 1894-5.

## GENERAL INFORMATION.

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### AIM.

Tualatin Academy was founded in 1848, and Pacific University in 1853, in order to make it possible for the young people of the Pacific Northwest to obtain a thorough education under Christian influences. As it is not dependent for its support upon the tuition paid by its students and consequently the mere number of students in attendance is not regarded as all-important, the Faculty is enabled to maintain thorough standards of scholarship in all grades of study and to offer unusual advantages for advanced work.

### LOCATION.

The College is located at Forest Grove, Oregon, a beautiful and growing town of 1,000 inhabitants. It is situated on the Southern Pacific railroad, West Side, twenty-six miles from Portland, and is easily reached by two trains daily from either direction.

The College has been the chief factor in building up the town. No drinking saloons are permitted. Its beautiful location and well-deserved reputation for general good order make Forest Grove a home for students, remarkably free from the temptations and dangers often surrounding school life.

### BUILDINGS.

The buildings are situated on an ample campus of thirty acres, covered in part with a growth of native oaks and spruce; and commanding a fine view of the surrounding mountains.

**MARSH MEMORIAL HALL.** This building, raised in commemoration of Ex-President Sidney Harper Marsh, is large and finely constructed of brick with stone trimmings. The dimensions are 142x70 feet. There are thirteen recitation rooms, a reception room, office, literary society rooms, art room and library. There is also a commodious auditorium which, when thrown open into the adjoining rooms, will seat comfortably 1,000 people.

The building is well lighted and ventilated, and is heated throughout by hot water. It will be ready for occupancy in September, 1895.

**SCIENCE HALL.** A substantial two-story building, formerly used for library and recitation purposes, is to be remodeled and will be used as a biological and chemical laboratory.

**ACADEMY HALL.** The chapel exercises which have been held heretofore in this building will now be held in the auditorium of Marsh Memorial Hall, and Academy Hall will be used for recitation purposes.

**LADIES' HALL.** A large four-story building, conveniently arranged, furnishes excellent accommodations for young women to room and board, and affords table board for a number of young men who room elsewhere.

The different floors are supplied with water, and a bath room with hot and cold water is provided. The laundry in the basement furnishes young women, who so choose, an opportunity to do their own washing.

Each suite of rooms, consisting of study and sleeping room with large closet, is adapted to two occupants. The rooms are heated, and furnished with carpet, study-table, stand, mirror, chairs, woven-wire bed with mattress, lamps, and toilet set. Occupants will be expected to provide themselves with towels, napkins and necessary bedding.

The hall is conducted so as to afford a well regulated Christian home for young women coming from out of town.

**MEN'S DORMITORY.** Young men may obtain comfortable rooms at the Men's Dormitory. These rooms are supplied with bedstead and mattress, washstand, table, chairs and stove. Occupants are expected to provide all other necessary furnishings. The rates for the present year will be found under the head of EXPENSES.

**GYMNASIUM.** The gymnasium is fairly well equipped with apparatus necessary for athletic exercises. Permits may be had upon application.

#### APPARATUS AND COLLECTIONS.

The Chemical Laboratory is well supplied with apparatus and chemicals needed in the courses in General and Analytical Chemistry. The rooms are supplied with desks and tables with appropriate fixtures, balances, and a set of assaying apparatus.

The Mathematical Department is supplied with a valuable set of engineering instruments.

A good series of specimens, partly from Europe, illustrates the origin of the various kinds of rock. A fair collection of fossils serves to show the sequence of geological times and their fauna and flora. An excellent series of ores and other minerals is also accessible to the students for investigation.

An herbarium of over 2,000 species (mostly from this region) belonging to the College, and another of 2,000 Eastern species constitute the collection of plants accessible for study.

Contributions to the library and collections are solicited, and may be sent to any member of the Faculty.

A station of the State Weather Bureau is established at the University, and students have an opportunity to become

familiar with the use of the standard instruments of the Government Signal Service. Daily readings of the various instruments are taken under the direction of a member of the Faculty, and a complete record is kept. The weather forecasts, issued by the government, are received by telegraph daily and displayed by the University.

#### LIBRARY AND READING ROOM.

The College Library now numbers about 7,000 volumes, and is open to all students daily. These volumes are classified for ready reference, and in some of the more important departments of knowledge the Library is very full.

The reading room, which is supplied with a well-selected list of the leading magazines and periodicals, together with a number of religious and secular newspapers of different denominations and parties, is open to all students.

#### LECTURE COURSE.

During the Winter Term of the year 1894-5 a course of five lectures on mediæval and modern history was given by the Rev. Professor Frank Hugh Foster, D. D., Ph. D., of Pacific Theological Seminary, of Oakland, Cal.

A course of lectures of educational value will be provided by the Faculty during the coming year.

#### LITERARY SOCIETIES.

There are two Student Societies in the institution—the Gamma Sigma for men, and the Philomathean for women. Membership in them is voluntary. They meet weekly and are the means of developing and fostering literary excellence. Essays, orations and discussions are presented, and a familiarity with parliamentary rules is gained. Eligible rooms have been provided for the Societies in Marsh Memorial Hall.

#### PHYSICAL TRAINING.

The Gymnasium will be thrown open free to all students

during certain hours daily. Permits, however, must be obtained from the officer in charge.

Exercise in the open air and athletic sports are encouraged, and spacious grounds on the college campus afford excellent opportunities for this kind of physical culture.

#### REGULATIONS.

The Institution does not desire the attendance of any students who are not industrious and well disposed, or who are too wayward for home restraint. To such as are earnest, it offers the advantages of a quiet and orderly community, with all the opportunities of study and mental improvement afforded by an institution on a firm foundation. A careful record of attendance, deportment and scholarship is kept, and reports are sent to the parents of all minor students at the end of each term. Any who are idle or listless, or whose influence is bad, are not allowed to remain in the school.

The immediate control in all matters pertaining to the conduct of students is in the hands of the Faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rules of good manners and good morals; they are expected to be orderly, faithful, respectful and honest, and to render a cheerful compliance with such regulations and requirements as the Faculty may, from time to time, find it necessary to make.

Non-resident students in special departments are subject to the general rules of the institution.

Students are not allowed to room at a hotel or public boarding house, except by special permission of the faculty. In selecting or changing rooms, students must consult the presiding officer of the department in which they are registered, and young women rooming elsewhere than at Ladies'

Hall will be under the supervision of the mistress of the house where they room.

Permission for absence from recitations or from town must be obtained in advance, whenever possible, from the head of the department in which the student is registered.

Profanity, the use of intoxicating drinks, gambling, visiting of billiard halls and saloons, attending dancing parties during term-time, and the use of tobacco on or about the College premises, are forbidden.

Students in any department of the Institution may not receive calls or visits at their rooms from persons of the opposite sex, except from members of their own families.

In order to insure the time necessary for the preparation of lessons and to encourage methodical habits, an observance of the following study hours is required:

*Study Hours*, except on Saturday and Sunday, are from 8:45 to 12 A. M., from 1 to 4 P. M. and from 7:30 to 9 P. M. After May 1, and on Saturdays throughout the year, from 8 to 9 P. M. During these hours and after 9 P. M., students are expected to be in their rooms unless at school exercises or especially excused.

#### WOMAN'S DEPARTMENT.

The Woman's Department is not a separate school, but young women are admitted to all courses of study on equal terms with young men, and so far as they are pursuing the same studies, they recite together. The young women of the institution are under the supervision of the principal of the Woman's Department.

#### RELIGIOUS EXERCISES.

The Institution aims to give to its students a thorough education, and it believes that the highest intellectual cul-

ture and the greatest moral excellence can be obtained only as they are developed from the principles of Christianity. To this end, some special religious exercises are requisite. Accordingly, all students are required to attend daily prayers at the chapel, and church service on Sunday morning. The churches of the town represent the following denominations: Baptist, Congregational, Disciples and Methodist. Each student attends the church of his choice, but must select and attend some one church regularly. Bible study occupies a place throughout the curriculum.

Branches of the College Young Men's and Young Women's Christian Associations are maintained by the students, and prayer-meetings occur every Tuesday evening, to which all the students are invited. The work of these societies is very helpful in determining the Christian character of the Institution.

#### EXPENSES.

Tuition and other expenses are made as low as possible so as to bring a thorough education within the reach of all.

Tuition must be paid in advance each term, and charges for rooms and board in College buildings in advance at the beginning of each half term, to the Local Treasurer.

College Tuition, per term.....	\$15 00
Academy Tuition, per term.....	\$10 00

Each student pays an incidental fee of one dollar per term.

The charge for one study is one-half the regular rate of tuition. For more than one study full rates are charged.

No money paid in for tuition is refunded to students who leave before the close of the term, except in cases in which they are excused before the middle of the term on account of their own sickness, in which event the tuition for the latter half of the term will be paid back.

Each student is required to exhibit to his various instructors, during the first week of each term, the Treasurer's receipt for his term bills or a certificate showing that a satisfactory adjustment of them has been made.

#### BOARD AND ROOMS.

LADIES' HALL. The price of room rent and board is, for the present, from \$3.00 to \$4.00 per week, according to location and furnishing of room. Table board for young men, \$2.50.

MEN'S DORMITORY. The price of room rent for the present year will be twenty-five cents per week for each occupant, exclusive of lights and fuel. The rooms are arranged for two occupants. Good board may be obtained at a price not to exceed \$1.75 per week.

Rooms and board may be obtained in private families in the town.

#### COLLEGE AID.

The College desires to encourage self-supporting students, and such are enrolled every year. Assistance is rendered students in obtaining employment in the town, and those who desire to aid themselves in this way can generally find the opportunity. As a rule, no capable young man or woman possessed of good health and a determination to secure a college education, need fail in the attempt.

Free scholarships to a limited number are granted to worthy students, whose circumstances require it, from the funds given for that purpose. Any one who indulges in the use of tobacco or who has any other expensive habit will be debarred from such aid. Application for aid must be made each term to the President. Sons and daughters

of missionaries in actual service are admitted upon payment of one-half tuition.

The educational societies assist those in College who are preparing for the Christian ministry.

CORPORATE NAME.

The corporate name of this institution is, "The President and Trustees of Tualatin Academy and Pacific University."

# THE COLLEGE.

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## TERMS OF ADMISSION.

Candidates for admission must be at least fifteen years of age. A proportionate increase in age is required to enter advanced classes.

*For the Course Leading to the Degree of Bachelor of Arts.*

1. IN ENGLISH:—Each candidate will be expected to criticise, analyze and parse specimens of English given at the time of examination. The candidate will be required to write a short English composition, correct in spelling, punctuation, grammar, idiom and division into paragraphs, and plain and natural in style, on a subject announced at the time of examination. Subjects will be selected from the following works:

*For 1895:—*Longfellow's Evangeline and Courtship of Miles Standish, Whittier's Snowbound, Lowell's Vision of Sir Launfal, Bryant's Thanatopsis, Irving's Sketch Book, Scott's Lady of the Lake, Emerson's Essays on Self-reliance, American Scholar and Compensation, Shakespeare's Merchant of Venice, or equivalents.

2. IN GREEK:—
  - (a) Grammar, Goodwin's or Crosby's.
  - (b) Translation of simple English sentences into Greek.
  - (c) Xenophon's Anabasis, three books, or equivalent.
  - (d) Translations at sight of passages from easy Greek prose.

3. IN LATIN:—(a) Grammar, Allen & Greenough's, Harkness' or Andrews and Stoddard's.  
 (b) Translation of easy sentences into Latin prose.  
 (c) Cæsar's Gallic War, three books, or equivalent.  
 (d) Four orations of Cicero, or equivalent.  
 (e) Vergil's *Aeneid*, four books or equivalent.  
 (f) Translation at sight of passages from easy Latin prose.
4. IN MATHEMATICS:—(a) Arithmetic, including the metric system.  
 (b) Algebra, through quadratic equations.  
 (c) Plane and Solid Geometry.
5. IN HISTORY:—(a) U. S. History, leading facts.  
 (b) History of Greece, leading facts.  
 (c) History of Rome, leading facts.  
 (d) Outline of Greek and Roman Mythology.
6. GEOGRAPHY:—(a) Modern.  
 (b) Outline of Ancient.

*For the Courses Leading to the Degrees of Bachelor of Science and Bachelor of Literature.*

In English, Latin and Mathematics the requirements are the same as for the course leading to the Degree of Bachelor of Arts. Candidates for admission to this course need not offer Greek, in place of which they will be examined in the following subjects:

- IN FRENCH:—(a) Some proficiency in pronunciation.  
 (b) Edgren's French Grammar.  
 (c) Ereckmann—Chatrian's *Histoire d'un conscrit de 1813*; Racine's *Esther*.  
 (d) Some acquaintance with the history of the literature.
2. IN ELEMENTARY SCIENCE:—(a) Astronomy.  
 (b) Physics.  
 (c) Physiology.

## ENTRANCE BY CERTIFICATE.

Students who have pursued a course of study equivalent to one of those described in Tualatin Academy, may, by special vote of the Faculty, be admitted to Pacific University on the certificate of the preparatory schools. Schools which desire to have their students thus admitted are requested to send to the Secretary of the Faculty their courses of study. All certificates should, if possible be sent before Commencement.

If the preparation of the student who is admitted by certificate is found to be wanting in thoroughness, the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

## COURSES OF STUDY.

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1. Candidates for the degree of Bachelor of Arts, after pursuing a required course in Greek, Latin, Mathematics, History, English and the introductory study of the Sciences through the Freshman and Sophomore years, are allowed to elect a certain number of their studies. Certain studies are still required of all alike through the course, and each student is required to so choose from the electives as to bring his total work up to a prescribed number of exercises per week. The subjects are offered in most cases in such a way as to furnish continuous courses of study in each department. For list of elective courses see pp. 23-24.

2. Candidates for the degree of Bachelor of Science will pursue the same courses, required and elective, as candidates for the degree of Bachelor of Arts, except that the place of Greek will be taken by Analytical Geometry, Calculus, and advanced work in Chemistry and Biology.

3. The course leading to the degree of Bachelor of Literature is a shorter course designed for women who do not wish to pursue the study of Greek, Higher Mathematics, or advanced Science. The other required work and the elective courses are the same as for the degree of Bachelor of Arts, except that music may be substituted for the elective work.

### SPECIAL STUDENTS.

In the arrangement of the courses, the established fact is recognized that fixed schemes of study must be maintained in the interests of higher education, and students are strongly advised and encouraged to enter the regular courses.

All the privileges of the University, however, are open to students pursuing partial courses, as far as they are prepared to take advantage of them. Such special students in any course or department, not candidates for a degree, will be entitled to certificates of proficiency in the branches of study pursued.

#### DEGREES.

The degree of Bachelor of Arts is conferred upon the graduates of the Classical Course; that of Bachelor of Science upon the graduates of the Scientific Course; that of Bachelor of Letters upon graduates of the Literary Course. There is a charge of \$5.00 for the Diploma.

Any Bachelor of Arts may receive the degree of Master of Arts in course after three years of continuous interest and work in any of the higher professions, evidence of which must be furnished the Trustees by presenting either a written thesis or public oration before receiving the degree. The subject of the thesis or oration must accompany the application which must be made to the President.

#### TEACHERS' CERTIFICATES.

In accordance with the law approved February 20, 1891, the State Board of Education has determined that any person receiving a literary degree, in course, from this institution shall be entitled to receive a State Diploma after having passed an approved examination in the following branches: Book-keeping, Composition, Physical Geography, Algebra, English Literature, Oregon School Laws, General History, and Theory and Practice of Teaching. This examination will be held under the direction of a member of the Faculty at the end of each college year. A State Life Diploma will be granted to such holders of State Diplomas after six years of successful teaching.

## OUTLINE OF COURSES.

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### CLASSICAL COURSE.

*Leading to the Degree of Bachelor of Arts.*

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#### *Freshman Year,*

FALL TERM—Livy, 4\*; Algebra, 5; Herodotus, 5; Rhetoric, 1.

WINTER TERM—Tacitus, 5; Trigonometry, 4; Homer, 5; Rhetoric, 1.

SPRING TERM—Horace, 4; Engineering or American Literature, 5; Thucydides, 5; Rhetoric, 1.

#### *Sophomore Year,*

FALL TERM—General Biology, 5; History, 3; English Literature, 2; Sophocles, 5.

WINTER TERM—Physiology, 5; History, 3; English Literature, 2; Terence ( $\frac{1}{2}$ ), 5; Quintilian ( $\frac{1}{2}$ ), 5.

SPRING TERM—General Chemistry, 5; History, 3; English Literature, 2; Plato, 3; Botany, 2.

#### *Junior Year,*

FALL TERM—Mechanics, 5; German, 5; Elective, 5.

WINTER TERM—Physics, 5; German, 5; Elective, 5.

SPRING TERM—Astronomy, 5; German, 5; Elective, 5.

#### *Senior Year,*

FALL TERM—Political Economy, 2; Logic, 4; Evidences of Christianity, 4; Elective, 5.

WINTER TERM—Political Economy, 4; Psychology, 5; Philosophy, 1; Elective, 5.

SPRING TERM—Ethics, 5; Geology, 5; Elective, 5.

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\*The numerals indicate the number of exercises per week in each subject.

## SCIENTIFIC COURSE.

*Leading to the Degree of Bachelor of Science.*

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*Freshman Year,*

FALL TERM—Livy, 4; Algebra, 5; History, 3; English Literature, 2; Rhetoric, 1.

WINTER TERM—Tacitus, 5; Trigonometry, 4; History, 3; English Literature, 2; Rhetoric, 1.

SPRING TERM—Horace, 4; Engineering, 5; History, 3; English Literature, 2; Rhetoric, 1.

*Sophomore Year,*

FALL TERM—General Biology, 5; German, 5; Analytical Geometry, 5;

WINTER TERM—Physiology, 5; German, 5; Calculus, 5.

SPRING TERM—General Chemistry, 5; German, 5; Calculus, 3; Botany, 2.

*Junior Year,*

FALL TERM—Mechanics, 5; Chemistry (Qualitative Analysis), 3; Biology, 2; Elective, 5.

WINTER TERM—Physics, 5; Chemistry (Qualitative Analysis), 3; Biology, 2; Elective, 5.

SPRING TERM—Astronomy, 5; Organic Chemistry, 3; Biology, 2; Elective, 5.

*Senior Year,*

FALL TERM—Political Economy, 2; Logic, 4; Evidences of Christianity, 4; Elective, 5.

WINTER TERM—Political Economy, 4; Psychology, 5; Philosophy, 1; Elective, 5.

SPRING TERM—Ethics, 5; Geology, 5; Elective, 5.

## LITERARY COURSE.

*Leading to the Degree of Bachelor of Literature.*

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### *First Year,*

FALL TERM—Livy, 1; Algebra, 5; History, 3; English Literature, 2; Rhetoric, 1.

WINTER TERM—Tacitus, 5. Trigonometry, 4; History, 3; English Literature, 2; Rhetoric, 1.

SPRING TERM—Horace, 4; American Literature, 5; History, 3; English Literature, 2; Rhetoric, 1.

### *Second Year,*

FALL TERM—General Biology, 5; German, 5; Elective, 5.

WINTER TERM—Physiology, 5; German, 5; Elective, 5.

SPRING TERM—General Chemistry, 5; German, 5; Botany, 2; Elective, 3.

### *Third Year,*

FALL TERM—Political Economy, 2; Logic, 4; Evidences of Christianity, 4; Elective, 5.

WINTER TERM—Political Economy, 4; Psychology, 5; Philosophy, 1; Elective, 5.

SPRING TERM—Ethics, 5; Geology, 5; Elective, 5.

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NOTE.—Essays or orations will be required throughout each course.

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## ELECTIVES.

Students in the last two years in College are required to so elect from the following courses as to bring their total work up to fifteen exercises per week. A detailed description of the courses will be found under the respective departments on pages 25-37.

Latin, 2; Greek, 3; French, 3; English Literature, 2; History, 2; Mathematics, 5; Chemistry (Junior), 3; Chemistry (Senior), 2; Biology (Junior), 2; Biology (Senior), 3; Psychology (Spring term), 3; Philosophy (Spring term), 2.

It is assumed that the choice of electives will be made by the

students with reference to some clear, deliberate plan and as a result of consultation with the President. In all cases the natural sequence of studies must be observed. The Faculty reserves the right to exclude a student from any elective for which his previous studies have not prepared him. It is generally desirable that subjects be elected to run through the entire year. Electing by terms, however, will for the present be allowed to a limited extent; but in every case an elective course extending over more than a term must be pursued for the full time.

The Faculty reserves the right to withdraw any elective, if it be not chosen by a sufficient number of students to constitute a class.

An exercise usually occupies an hour, except in the case of Analytical Chemistry and Biology, when it occupies from two to three hours in the Laboratory. The course in History and English Literature may be to count as three hours electives by additional work outside the class room. The course in French, although coming five times per week, will count as a three hour elective.

Music may be substituted for Elective work in the literary course in which case three hours of music will be equivalent to one hour of elective work.

## DEPARTMENTS AND METHODS OF INSTRUCTION.

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### PHILOSOPHY.

PRESIDENT MCCLELLAND.

PSYCHOLOGY. The principles of this subject are taught by means of text-books and lectures. Essays are required upon appointed themes, and a course of selected reading is marked and required. *Porter*: Elements of Intellectual Science. Senior required course. Five hours per week during the Winter term.

PHYSIOLOGICAL PSYCHOLOGY. More particular attention is paid in this course to mental phenomena from the experimental and physiological point of view than is possible in the prescribed course. Ladd's Outlines of Physiological Psychology, will be made the basis of this work, the Elements of Physiological Psychology, by the same author, being used as a book of reference. Senior elective course. Three hours per week during the Spring term.

INTRODUCTION TO PHILOSOPHY. It is the object of this course to give a general view of the development of Philosophy. This is attempted in an outline course of lectures, Ueberweg and Schwegler's Histories of Philosophy being used for reference. Senior required course. One hour per week during the Winter term.

PHILOSOPHY. This course consists of reading and discussions on special topics relating to the development of the philosophy of Europe during the seventeenth century. Senior elective course. Two hours per week during the Spring term.

EVIDENCES OF CHRISTIANITY. This subject is taught by text-book, due consideration being paid to the current phases of thought. *Wright*: Logic of Christian Evidences, *Fisher*: Manual of Christian Evidences. Senior required course. Four hours per week during the Fall term.

ETHICS. In this course the text-book is supplemented by class discussions on the practical application of the principles established to the conduct of life. *Hopkins*: Law of Love and Love as a Law, *Fairchild*: Moral Philosophy. Senior required course. Five hours per week during the Spring term.

LOGIC. Jevon's Logic, as recast by Hill, is the text-book used in this course. Frequent exercises in argumentation and the application of the principles of the science are assigned to the class. Special stress is laid upon the practical work done as the surest means of furnishing aid to the student in learning to think. Senior required course. Three hours per week during the Fall term.

## LATIN AND GREEK.

### PROFESSOR MARSH.

While in the earlier part of the courses a thorough grammatical review is required, the courses are conducted chiefly with the purpose of securing breadth of view, keenness of insight, and power of expression by familiarity with an appreciation of Greek and Latin literature. Frequent reference is made to late discoveries and investigations.

IVY. Book XXI. Besides the history of the period special attention is here paid to Roman antiquities. Freshman required course. Four hours per week during the Fall term.

TACITUS. Germania and Agricola. Freshman required course. Five hours per week during the Winter term.

HORACE. Selected Odes and Satires. *Ars Poetica*. Particular attention is paid to the style of Horace; and selections from other Latin poets are read for the sake of comparison. A few metrical translations are also required. Freshman required course. Four hours per week during the Spring term.

TERENCE. *Andria*. Required for Sophomores in the Classical course. Five hours per week for six weeks of the Winter term.

QUINTILIAN. Selections from *De Institutione Oratoria* are read, which present some of the leading principles of Rhetoric. Required for Sophomores in the Classical course. Five hours per week for six weeks of the Winter term.

CICERO. *De Amicitia*, *De Officiis*, *De Oratore*. Elective course. Two hours per week throughout the year.

GREEK AND LATIN TESTAMENTS. One hour per week throughout the College course, those in the Classical course reading in Westcott and Hort's Greek Testament, and those in the other courses using the Latin. The use of the two languages in the same class affords an opportunity for comparative study to students in all courses. In their Freshman and Sophomore years selections from the Gospels and the Acts are read; in their Junior and Senior years from the Epistles.

HERODOTUS. Selections from Goodwin's Greek Reader. In connection with this course there is given a thorough grammatical review. The study of Greek literature is taken up as outlined in Botta's Universal Literature. Required for Freshmen in the classical course. Five hours per week during the Fall term.

HOMER. Two or more books of the Iliad. Required course for Freshmen in the classical course. Five hours per week during the Winter term.

THUCYDIDES. Selections. Required for Freshmen in

the classical course. Five hours per week during the Spring term.

SOPHOCLES. Antigone. The study of the Greek drama is taken up by lectures and collateral readings. Required for Sophomores in the classical course. Five hours per week during the Fall term.

PLATO. Apology and Crito. Required for Sophomores in the Classical course. Three hours per week during the Spring term.

PLATO. A further study of Plato's writings and of Greek Philosophy than is possible in the required course is undertaken in this course, which is elective for Juniors and Seniors. Three hours per week during the Winter term.

ÆSCHYLUS. Prometheus Bound. Elective for Juniors and Seniors. Three hours per week during the Fall term.

DEMOSTHENES. De Corona. Elective for Juniors and Seniors. Three hours per week during the Spring term.

## PURE AND APPLIED MATHEMATICS.

PROFESSOR FERRIN.

Instruction in this department is conducted with the purpose: (1) to cultivate in the student habits of clear and exact thinking and logical reasoning, together with the ability to state clearly and precisely his own convictions, and the grounds of them; (2) to present the fundamental relations of number and space, and the most suitable methods of applying them to the discussion of scientific and practical questions.

HIGHER ALGEBRA. Beginning with a rapid review of Quadratics, the work in this subject is carried as far as the capacity of the class will permit. Freshman required course. Five hours per week during the Fall term.

TRIGONOMETRY, PLANE AND SPHERICAL. Due atten-

tion is paid in this course to the practical applications of Trigonometry in Plane Surveying, Navigation and Astronomy. Freshman required course. Four hours per week during the Winter term.

ENGINEERING.—This course consists largely of field-work, and is designed to teach the practical use of the various engineering instruments. Practice is had in measuring and computing farm areas with the compass and chain; in the use of the Level instrument in determining the contours of lines and of some of the streets of the town; in the use of the Engineer's Transit in laying out railroad curves etc. Attention is given also to the plotting of areas and lines. Required for Freshmen in the Scientific course. Optional with American Literature for Freshmen in the Classical course. Five exercises per week during the Spring term.

ANALYTICAL GEOMETRY. Required for Sophomores in the Scientific course. Elective for other students. Five hours per week during the Fall term.

CALCULUS. The infinitesimal method is used in the treatment of this subject. Required for Sophomores in the Scientific course. Elective for other students. Five hours per week during the Winter term and three hours per week during the Spring term.

MECHANICS. *Olmsted*: Revised College Philosophy. Junior required course. Five hours per week during the Fall term.

PHYSICS.. This course consists of a mathematical treatment of the different branches of Physics, the work being supplemented by lectures and use of illustrative apparatus. *Olmsted*: Revised College Philosophy. Junior required course. Five hours per week during the Winter term.

ASTRONOMY. Special attention is given to establishing the mathematical principles of the science and to teaching

the methods of computation in most general use in practical Astronomy. *Olmsted*: Revised College Astronomy. Junior required course. Five hours per week during the Spring term.

## CHEMISTRY.

### PROFESSOR WHITTELSEY.

The chief instruction in the courses in Chemistry is given in the laboratory. This is supplemented by lectures and recitations. The books mentioned below are used as guides merely, the instruction in no case being confined to what is there presented. Laboratory fees, payable in advance, are charged to cover cost of chemicals used. Reference books: *Richter*: Inorganic Chemistry; *Roscoe*: Elementary Chemistry; *Bloxam and Huntington*: Metals; *Remsen*: Organic Chemistry; *Richter*: Organic Chemistry; Qualitative Analysis, *Fresenius, Harris, Thorpe and Muir*; Quantitative Analysis, *Fresenius, Thorpe, Classen, Sutton, Mears*.

**GENERAL CHEMISTRY.** This course aims to teach the principles of the science in connection with the study of the non-metallic elements. Instruction is given by lectures and recitations, and in the laboratory where one-third of the time is spent. Sophomore required course. Five exercises per week during the Spring term. Laboratory fee, \$2.00.

**QUALITATIVE ANALYSIS.** This course consists chiefly of practical work in the laboratory. An experimental knowledge of the reactions of the more common metals and acids is first acquired, after which single and mixed substances are presented the student for identification, a gradual advance being made from simple to complex compounds. The laboratory work is supplemented by lectures on the metals and their compounds, and on the applications of Chemistry to the arts and industries. Required for

Juniors in the Scientific course. Elective for other students. Three exercises (nine hours) per week during the Fall and Winter terms. Laboratory fee, \$5.00 per term.

ORGANIC CHEMISTRY. Lectures on the compounds of carbon. Required for Juniors in the Scientific course. Elective for other students. Three hours per week during the Spring term.

QUANTITATIVE ANALYSIS. This course is devoted to typical gravimetric and volumetric determinations in the laboratory, with a study of the chemistry of the operations involved. Senior elective course. Two exercises (six hours) per week during the Senior year. Laboratory fee, \$5.00 per term.

## BIOLOGY AND GEOLOGY.

PROFESSOR LLOYD.

The courses in this department are conducted by means of lectures together with work in the laboratory. The student is required to embody in drawings the results of his laboratory observations. When desirable and practicable, field excursions are taken. Text books are used as guides in laboratory work, and the students have access to a departmental library of reference books.

GENERAL BIOLOGY. Lectures and laboratory work consisting of the dissection of a plant, an invertebrate and a vertebrate animal, and recitations thereon. *Sedgwick and Wilson*: General Biology. Sophomore required; five hours per week during the Fall term. Laboratory fee, \$2.00.

BOTANY. The microscopic study of various types of plant life, the study of the developing seed and collecting and preserving herbarium specimens; lectures. *Bennett and Murray*: Cryptogamic Botany; *Macloskie*: Elementary Botany. Sophomore required course. Four hours per week during the Spring term.

COMPARATIVE ANATOMY. (a) Invertebrates: *Huxley*: Anatomy of Invertebrated Animals, *Brooks*: Handbook of Invertebrate Zoology. Required for Juniors in the Scientific course. Elective for other students. Two exercises (six hours) per week during the Fall term. Laboratory fee, \$5.00.

(b) Vertebrates: *Parker*: Zootomy, *Wiedersheim*: Comparative Anatomy of the Vertebrates. Required for Juniors in the Scientific course. Elective for other students. Two exercises (six hours) per week during the Winter and Spring terms. Laboratory fee, \$5.00 per term. These courses consist of lectures on Comparative Anatomy and the dissection in the laboratory of certain invertebrate and vertebrate types. Close and accurate observation and careful reproduction in drawing of dissections form the chief part of the work.

HISTOLOGY. The tissues of various vertebrate animals are studied comparatively, and the student attains some degree of skill in the preparation of animal tissues and in microscopic technique. The course is amplified by lectures and frequent quizzes are held. *Schäfer*; *Wiedersheim*: Comparative Anatomy of Vertebrates. Senior Elective course. Three exercises (six hours) per week during the Fall and Winter terms. Laboratory fee, \$5.00 per term.

EMBRYOLOGY. The student is instructed in methods of embryological research, the development of the chick being studied. The students preserve and prepare their own specimens. Lectures on Comparative Embryology, *Haddon*: Embryology, *Balfour*: Comparative Embryology. Senior Elective course. Three exercises (six hours) per week during the Spring term. Laboratory fee, \$3.00.

PHYSIOLOGY. Lectures and recitations. The dissection of a mammal in the laboratory is required from each student. *Martin*: The Human Body. Sophomore required

course. Five exercises per week during the Winter term.

GEOLOGY. In addition to the lectures and recitations in this course, the students are required to study fossils and rock forms from specimens in the collections. *Geikie*: Geology. Senior required course. Five exercises per week during the Spring term.

## HISTORY AND POLITICAL SCIENCE.

PROFESSOR ROBERTSON.

The study of History is conducted, not only with the purpose of giving the student a knowledge of facts in their sequence, but also to cultivate the reasoning powers by studying these facts under the laws of cause and effect. In all the courses special emphasis is laid upon the careful keeping of note-books, the making of outlines, and the constant use of an historical atlas.

HISTORY OF MODERN EUROPE. This course consists of lectures and is intended to give the student a general knowledge of European history from the fifteenth to the nineteenth centuries, inclusive. Attention is paid to the broad movements with their causes and effects rather than to details. Supplementary reading with reports upon the same in the class-room is required. Reference books, *Ploetz*: Epitome of Universal History, *Fisher*: Outlines of Universal History, *Lodge*: Modern Europe, *Mueller*: Political History of Modern Times, *Guizot*: History of Civilization, *Putzger*: Historical Atlas. Required course for Sophomores in the Classical course and for Freshmen in the other courses. Three exercises per week throughout the year.

AMERICAN HISTORY. This course consists of lectures and collateral reading upon some period of American History. A short time at the close is given to the study of some topic connected with local history in Oregon, Wash-

ington, or California. Reference books, *Von Holtz*: Constitutional History of the United States, *Bancroft*: History of the United States, *Fiske*: American History series, American Statesman series, American Commonwealth series, *Johnson*: American Politics. Junior elective course. Two exercises per week during the Fall and Winter terms.

**COMPARATIVE CONSTITUTIONAL HISTORY.** This course consists of lectures upon the constitutions of England, France, Germany, Switzerland and the United States, bringing out in comparative form the leading features of each. Reference book, *Woodrow Wilson*: The State. Junior elective course. Two exercises per week during the Spring term.

**POLITICAL ECONOMY.** This subject is taught by means of text-books, lectures, collateral reading and essays. Senior required course. Three exercises per week during the Fall term, and four exercises per week during the Winter term.

## ENGLISH LANGUAGE AND LITERATURE.

MISS BROOKS.

It is the object of this work to bring the student in touch with the best works of the English authors, and to give him facility in the use of the language. The courses are conducted by means of lectures, direct reading of authors, and special papers on assigned topics. Reference books, *Stopford Brooke*: English Literature Primer, *Gosse*: English Literature, *Ward*: English Poets, *Schlegel*: Dramatic Literature, *Minto*: Manual of English Prose Literature, *Minto*: English Poets, *Hale*: Longer English Poems, *Johnson*: Lives of the Poets (edited by Matthew Arnold), *Spenser*: Faery Queen, *Chaucer*: Prologue (Clarendon Press), Hudson's edition of Shakespeare, Rolfe's edition of Shakespeare.

RHETORIC. (a) Work upon special topics will be assigned. In the class-room drill will be had in the writing of descriptions, narratives and sketches. A study of selections from the best English and American authors will accompany this work. Text books, *Genung: Rhetoric* and *Hand-book of Rhetorical Analysis*. Freshman required course. One exercise per week throughout the year.

(b) The subject for Rhetorical work in the Sophomore year will be the Essay, in the Junior year, Argumentation, and in the Senior year, the Oration. One exercise each year is required.

OUTLINE OF ENGLISH LITERATURE. Required course for Sophomores in the Classical course and Freshmen in the other courses. Two exercises per week during the Fall term.

ENGLISH PROSE WRITERS. Required course for Sophomores in the Classical course and Freshmen in other courses. Two exercises per week during the Winter term.

ENGLISH POETS AND POETRY. Required course for Sophomores in the Classical course and Freshmen in other courses. Two exercises per week during the Spring term.

AMERICAN LITERATURE. This course will include a brief survey of the literature of the eighteenth and nineteenth centuries, together with selected readings from the best American poets and prose writers. Freshman course, required for students in the Literary course, optional with Engineering for students in the Classical course. Five exercises per week during the Spring term.

DEVELOPMENT OF THE DRAMA. In this course the study of Shakespeare occupies a large portion of the time. Elective course. Two exercises per week during the Fall term.

CHAUCER, SPENSER AND MILTON. Elective course. Two exercises per week during the Winter term.

NINETEENTH CENTURY AUTHORS. Elective course.  
Two exercises per week during the Spring term.

### MODERN LANGUAGES.

M. REYNAUD.

#### FRENCH.

The study of French covers a period of six terms. It aims at affording the student as large a knowledge of the French language and literature as can be acquired in that length of time. French from the beginning is the medium of instruction. Third year academy required course. Junior elective. Open to students in the Classical course, where it is optional with German. The following schedule outlines the course in general.

FIRST TERM. Four hours per week. Pronunciation; *Edgren*: Grammar, Part 1; *Fontaine*: *Livre de lecture et de Conversation*; *Ludovic Halevy*: *L'abbé Constatin*.

SECOND TERM. Four hours per week. Dictations; *Larive et Fleury*: *Deuxième Année de Grammaire*; *Ereck-mann-Chatrian*: *Histoire d'un conscrit de 1813*; *Racine*: *Esther*.

THIRD TERM. Four hours per week. Grammatical exercises; Dictations; *Octave Feuillet*: *Roman d'un jeune homme pauvre*. *Jean de la Brete*: *Mon oncle et mon curé*.

FOURTH TERM. Three hours per week. Essays; *Corneille*: *Le Cid*; *Moliere*: *Le Bourgeois Gentilhomme*; *La Bruyere*: *Caractères*; *Boileau*: *Art poétique*; Lectures in French on the History of French literature throughout the second year of study.

FIFTH TERM. Three hours per week. Essays; Dictations; *Montesquieu*: *Esprit des Lois*; *Bernardin de Saint-Pierre*: *Paul et Virginie*; *Voltaire*: *Mérope*; *Buffon*: *Discours sur le Style*.

SIXTH TERM. *Victor Hugo*: Quatre-vingt-treize; *Chateaubriand*: Aventures du Dernier Abencérage; *Lamartine*: Graziella or from Vinet's Chrestomatie francale.

#### GERMAN.

The study of German covers a period of six terms. It is a Sophomore required course. Senior elective. Open to students in the classical course, where it is optional with French. The following schedule outlines the course in general.

FIRST TERM. Four hours per week. Pronunciation; *Joynes-Meissner*: Grammar; Practice in writing German Script; *Meissner*: German conversation; *Andersen*: Kinder- und Haus Märchen.

SECOND TERM. Four hours per week. *Joynes-Meissner*: Grammar; Composition; German prefixes and suffixes; Sight reading from Andersen's Bilderbuch ohne Bilder; *Schiller*: Der Neffe als Onkel; *Buchheim*: Deutsche Lyrik.

THIRD TERM. Four hours per week. Dictations; *Minna von Barnhelm*; Sight reading from Storm's Immensee; *Freytag*: Aus dem Staate Friedrichs des Grossen.

FOURTH TERM. *Schiller*: Wallenstein or Wilhelm Tell; *Kluge*: Literatur-Geschichte; Sight reading from Chamisso's Peter Schlemihl.

FIFTH TERM. *Eber*: Homo sum or Eine Frage; Scientific German.

SIXTH TERM. Three hours per week. Scientific German; *Goethe*: Faust.

#### DRAWING AND PAINTING.

Pupils who have the time and inclination have an opportunity to take private lessons in drawing and painting at reasonable terms with an experienced teacher who is connected with the College.

# CONSERVATORY OF MUSIC.

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The Musical Department is under the same general management as the other departments, and is under the immediate charge of the Director of the School and assistant teachers. Non-resident students are subjected to the same regulations as students of other departments.

The purpose of this school is to provide superior facilities for the study of music in its elementary and higher branches, practical and theoretical. The course of study is planned with regard to the thorough and symmetrical development of the musical faculties. It includes a thorough course in Harmony and Theory, including Counterpoint, Analysis and Music History, and provides for the acquirement of a high degree of proficiency in two of the following branches: Piano-forte, Singing and Organ. The time necessary for the completion of the course cannot be definitely given, as it depends on the age and previous training, ability and application of the pupil. Very few will be able to obtain the degree of proficiency required in less than four years.

## PIANO-FORTE.

In the study of this instrument careful attention is given to the details of technique, and to the development of a correct musical touch, since this is of prime importance in giving intelligent interpretation to musical thought and feeling.

## VOICE CULTURE.

In this department especial attention is given to a natural and skillful management of the breath and the correct position of the vocal organs in the production of clear, full, resonant tones.

Flexibility and the art of phrasing are developed through the practice of scale and arpeggio passages and solfeggi. A refined musical taste is developed by the study of the best songs, ancient and modern: Ballads, Thoroughly Composed German Songs and selections from Oratorio and Opera.

## THEORY OF MUSIC.

Students are strongly urged to begin the study of Theory as early in their course as is deemed advisable. The work may be outlined as follows:

NOTATION. The Theory of Rhythm and Tonality.

HARMONY. Principles of Four-part Composition, modulations and harmonic accompaniment to selected and original melodies.

COUNTERPOINT. Exercises in adding one, two, three or four voices in simple counterpoint to a given or original *cantus fermus*.

## HISTORY.

It is the aim in this course to study the outlines of musical progress from the time of the most ancient civilization to the present.

A course of supplementary reading in connection with this study is arranged for music students and programs illustrating the different periods and styles of musical composition are given by the teachers. Public recitals by the students are given monthly throughout the year. Private class recitals in which all pupils take part, occur as often as practicable.

## DIPLOMAS.

Diplomas are awarded by the Trustees of the University to students who have satisfactorily completed the course in music.

A choral class for beginners will be formed, for which a nominal fee will be charged. Those sufficiently advanced will have an opportunity to join the choir or the Musical Union, where the highest order of sacred and secular music is used.

Pupils may make special arrangements with the Director for hours of piano practice.

Those who do not wish to purchase music may have access to the Music Library by the payment of a small fee.

## TUITION AND OTHER EXPENSES.

Private Instrumental Lessons (piano or organ), per term of 24 lessons (one-half hour each).....	\$15 00
Private Vocal Lessons, per term of 24 lessons (one-half hour each).....	15 00
Class Lessons (two in a class) of three-quarters of an hour each.....	10 00
Harmony, per term.....	5 00
Rent of Piano, for two hours practice per day, per month.....	\$1 00-2 00
Rent of Music from Musical Library, per term, from.....	75c-1 50

# THE ACADEMY.

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The Academy is under the immediate charge of the Principal and his assistants. The College Faculty have general direction respecting the course of study and discipline.

## PREPARATION FOR COLLEGE.

The Academy provides thorough preparation for the Classical, Scientific and Literary courses of the College, and at the same time offers special opportunities for those desiring thorough training in the common English branches. All the facilities of the University in the way of libraries, lectures, etc., will be opened to such students, and it is believed that these privileges will be of peculiar value to those preparing to teach.

## REQUIREMENTS FOR ADMISSION.

To enter either Academic course proper, the student must be able to pass a satisfactory examination in the English studies of the sub-preparatory year. For admission to advanced standing the student must give satisfactory evidence, by examination or approved certificate, that he has completed the work passed over by the class to be entered or its equivalent. It is desired and advised that students begin their studies at the opening of the Fall term, and enter one of the regular courses.

## REPORTS.

A record of the work of each student is kept, and at the close of each term a report is sent to the parent or guardian.

## EXAMINATIONS.

Examinations are held in each subject at the end of each term, and no student who fails to pass in more than one study is allowed to maintain his position in the class, unless such work is made up in one term.

## CERTIFICATE.

Students who complete the work of the Academic courses receive a certificate admitting them to the corresponding courses in College.

For information concerning expenses, study hours, regulations, see pp. 11, 13-14.

## ACADEMY COURSES.

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### *Sub-Preparatory Year,*

FALL TERM—Arithmetic, Grammar, Geography, Reading and Spelling.

WINTER TERM—Arithmetic, Grammar, Geography, Reading and Spelling.

SPRING TERM—Arithmetic, Grammar, Geography, Reading and Spelling.

### CLASSICAL.

#### *First Year,*

FALL TERM—Latin, 5; English, 3; Mental Arithmetic, 5; U. S. History, 2.

WINTER TERM—Latin, 5; English, 3; Physiology or Book-keeping, 5; U. S. History, 2.

SPRING TERM—Latin, 5; English, 5; U. S. History, 5.

#### *Second Year,*

FALL TERM—Cæsar, 4; Algebra, 5; Greek, 4; History, 1; English, 1.

WINTER TERM—Cæsar, 4; Algebra, 5; Greek, 4; History, 1; English, 1.

SPRING TERM—Cicero, 4; Algebra, 5; Greek, 4; History, 1; English; 1.

#### *Third Year,*

FALL TERM—Cicero, 4; Plane Geometry, 4; Greek, 5; English, 1; History, 1;

WINTER TERM—Vergil, 5; Plane Geometry, 4; Greek, 5; English, 1.

SPRING TERM—Vergil, 5; Solid Geometry; 4; Greek, 5; English, 1.

## SCIENTIFIC AND LITERARY.

*First Year,*

FALL TERM—Latin, 5; English, 3; Mental Arithmetic, 5; U. S. History, 2.

WINTER TERM—Latin, 5; English, 3; Physiology or Book-keeping, 5; U. S. History, 2.

SPRING TERM—Latin, 5; English, 5; U. S. History, 5.

*Second Year,*

FALL TERM—Cæsar, 4; Algebra, 5; Physical Geography, 4; History, 1; English, 1.

WINTER TERM—Cæsar, 4; Algebra, 5; Elementary Physics, 4; History, 1; English 1.

SPRING TERM—Cicero, 4; Algebra, 5; Elementary Astronomy, 4; History, 1; English, 1.

*Third Year,*

FALL TERM—Cicero, 4; Plane Geometry, 4; French, 5; English, 1; History, 1.

WINTER TERM—Vergil, 5; Plane Geometry, 4; French, 5; English, 1.

SPRING TERM—Vergil, 5; Solid Geometry, 4; French, 5; English, 1.

(Rhetorical work and Bible study throughout both Courses, and Spelling when necessary.)

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In order that the work of the Academy may be seen more in detail, the following statement is added to the outline given above:

LATIN AND GREEK. The first year's work in Latin and Greek includes a thorough mastery of the forms and simpler constructions. The remaining time is devoted to reading three books of Cæsar, four orations of Cicero, four books of Vergil's *Æneid*, and three books of Xenophon's *Anabasis*, accompanied by more advanced work in Grammar and by Prose Composition. During the last two terms of the course, one hour a week is devoted to Roman Literature.

Text Books. *Collar and Daniel*: Latin Book for Beginners, *Allen and Greenough*: Latin Grammar, Preparatory Course in Latin Prose, Any good edition of Vergil, *Goodwin*: Greek Grammar, *Goodwin*: Greek Selections, *White*: Greek Book for Beginners, *Botta*: Hand-book of Universal Literature.

FRENCH. The study of French extends throughout a year. The natural method is used. For further information see p. 36.

MATHEMATICS. Three terms in the second year are given to the study of Algebra. The work of the first term is to Fractions; of the second, to Involution, and of the third, to Theory of Quadratics.

Plane and Solid Geometry extend through the third year. Considerable work is done in original propositions and problems, the amount depending somewhat upon the capability of the class.

Text Books. *Wells*: Academic Algebra, *Chauvenet*: Plane and Solid Geometry.

SCIENCE. Elementary courses are given in Physical Geography, Physiology, Elementary Physics and Astronomy.

Text Books. *Hinman*: Eclectic Physical Geography, *Brands*: Academic Physiology, *Avery*: First Principles of Natural Philosophy, *Young*: Lessons in Astronomy.

ENGLISH. In the sub-preparatory year of the Academy, three terms are given to the study of English Grammar. This includes Etymology, Syntax and Analysis. For the three years of the Academy course, together with practical work in Composition, selections from the best American and English authors are studied.

Text-books. *Marsh*: Outline of Grammar, *Lockwood*: Lessons in English, *Newcomer*: English Composition, Riverside Series, *Longfellow*: Evangeline, Courtship of Miles

Standish, *Whittier*: Snowbound, Lowell: Vision of Sir Launfal, Bryant: Thanatopsis, Selections from Sketch Book, Scott: Lady of the Lake, Emerson: Self-reliance, American Scholar, Compensation, Shakespeare: Merchant of Venice.

HISTORY. United States History is studied during the three terms of the first year, and Greek and Roman History once a week during the three terms of the second year and the first term of the third year.

Text and reference books. Sheldon Barnes: Studies in American History, Johnston: U. S. History, Montgomery: Leading facts in American History, Myers: Ancient History, Sheldon Barnes: Greek and Roman History, and others.

BOOK-KEEPING is made optional with Physiology in the second term of the first year. It is given to meet the wants of pupils who need this study and at the same time wish a more thorough general course than can be secured at a business college.

Text-books. Bryant and Stratton: New Common School Book-keeping, Clark: Commercial Law.

COMMON ENGLISH BRANCHES. During the sub-preparatory year and the first term of the first year of Academy courses, thorough training is given in the common English branches, including Arithmetic, Mental Arithmetic, English Grammar, Descriptive Geography, Reading, Spelling and Penmanship.

Text-books. Fish: Arithmetic No. 2, Brooks: Mental Arithmetic, Monteith: Comprehensive Geography, Westlake: 3,000 Test Words, Watson: Complete Speller, Marsh: Brief Outline of English Grammar.

BIBLE STUDY. The English Bible occupies a regular place in the curriculum of study, and one exercise a week

is required of all students. The Old Testament is the subject of the first two years' study and the New Testament of that of the last two years.

# COLLEGE STUDENTS.

1894—1895.

## GRADUATE STUDENT.

Craig, Austin.....Corvallis.

## SENIORS.

McKercher, Florence.....C.....Portland.

Shiach, William Sidney.....C.....Kirkland, Wn.

## JUNIORS.

Bauer, Philip Edward.....S.....Tualatin.

Bisbee, Ruel Martin.....S.....Forest Grove.

Macrum, John Wilson.....S.....Forest Grove.

Stewart, Emma Estelle.....C.....Forest Grove.

## SOPHOMORES.

Bailey, John Woodson.....C.....Hillsboro.

Curtis, Winterton Conway.....S.....The Dalles.

Eells, Ida Myra.....C.....Tacoma, Wn.

Marsh, Frederick Leonard.....C.....Forest Grove.

## FRESHMEN.

Bradley, Charles Edward.....S.....Greenville.

Hartley, Harvey Harley.....C.....Greenville.

Hirota, Sann Ichiro.....S.....Kochi, Japan.

Mullen, Letta.....L.....Tacoma, Wn.

Myers, Frank Stott.....S.....Forest Grove.

Thomas, Arthur Henry.....S.....Forest Grove.

Warren, Frank Manley.....C.....Portland.

## SPECIAL STUDENTS.

Atwell, Homer Charles.....Forest Grove.

Lansing, Minnie Catharine.....Salem.

Larimore, Eugene Elton.....Forest Grove.

Robb, William.....Forest Grove.

Spangler, James Williams, Jr.....Forest Grove.

Tongue, Edmund Burke.....Hillsboro.

NOTE.—C, Classical. S, Scientific. L, Literary.

## ACADEMY STUDENTS.

1894—1895.

## THIRD YEAR.

Andrews, Henry Allen.....	S.....	Oregon City.
Baber, Liverne Hayward.....	S.....	Forest Grove.
Beal, Ora May.....	S.....	Forest Grove.
Brown, Liberta.....	C.....	Forest Grove.
Bursell, Lewis Isaac.....	S.....	Silverton.
Cox, Helena Dillon.....	S.....	Forest Grove.
Garrison, Blanche Louise.....	S.....	Forest Grove.
Gordon, Emma Sue.....	S.....	Forest Grove.
Hartley, Clarence.....	C.....	Greenville.
Haskell, George Lemuel.....	S.....	Zanesville, O.
James, Helen Irene.....	S.....	Hillsboro.
Kirkwood, Joseph Edward.....	C.....	Pebble.
Lieser, Minnie May.....	C.....	Vancouver, Wn.
Luce, Mary.....	S.....	Hillsboro.
Marsh, Winifred.....	S.....	Forest Grove.
Miller, John.....	C.....	Forest Grove.
Myers, Katherine Stott.....	S.....	Forest Grove.
Parker, Lois West.....	C.....	Portland.
Rands, Ernest.....	S.....	Oregon City.
Sorensen, Anna Martha.....	S.....	Forest Grove.
Streeter, Grace Ethel.....	S.....	Portland.
Thorp, Bessie Mabel.....	C.....	Forest Grove.
Tongue, Bertha Rebecca.....	S.....	Hillsboro.

## SECOND YEAR.

Alley, Ghym Bordwell.....	Nehalem.
Brady, Alexander.....	Yaquina.
Buxton, Harry Edward.....	Forest Grove.
Christian, Alice Victoria.....	Forest Grove.
Clark, Mary.....	Forest Grove.
Connell, John Wesley.....	Glencoe.

Downing, Daisy.....	Condon.
Edwards, Florence Belle.....	Forest Grove.
Ewing, Jane Helen.....	Fulton Park.
Garlington, Osa Clark.....	Hillsboro.
Hamer, Walter Roland.....	Forest Grove.
Hale, John Vite.....	Hillsboro.
Hardie, Taylor Joseph.....	Brower.
Hinman, Mabel .....	Forest Grove.
Jones, Gwilym Mawddwy.....	Oswego.
Lancefield, Lynn.....	Forest Grove.
Lancefield, Jessie.....	Forest Grove.
Luelling, Fred Ward.....	Forest Grove.
McEldowney, Wilbur Wait.....	Amity.
Marsh, Gertrude Emily.....	Forest Grove.
Mastin, John Adair.....	Portland.
Merryman, George.....	Hillsboro.
Newberry, James Thomas.....	Nehalem.
Newberry, Pearl Minnie.....	Nehalem.
Rands, Harold Alva.....	Oregon City.
Robb, James.....	Forest Grove.
Schoch, Alfred Deihl.....	Forest Grove.
Sweek, Thaddeus.....	Portland.
Tongue, Thomas H.....	Hillsboro.
Walker, Elda.....	Forest Grove.
Walker, Leva.....	Forest Grove.
Whitlock, Edward Rutherford.....	Oregon City.
Williams, Robert Edward.....	Independence.

## FIRST YEAR.

Ackerson, Alice.....	Needy.
Barton, Jesse Sarvis.....	Oswego.
Belshaw, Edith Clara.....	Mount Vernon.
Blank, Jacob Moses.....	Forest Grove.
Buxton, Philmore Henry.....	Buxton.
Dennis, Benjamin Franklin.....	Hillsboro.

Geiger, Hugh.....	Forest Grove.
Graham, Charlotte Dot.....	Forest Grove.
Harris, Frederick William.....	Forest Grove.
Hartung, Wilhelmina.....	Hailey, Idaho.
Henderson, Arlie John.....	Gaston.
Hinman, Frank.....	Forest Grove.
Howell, Clarence.....	Albany.
Hoyt, Laura.....	Forest Grove.
Jones, Trevelyan Albert.....	Forest Grove.
Kane, Harold.....	Forest Grove.
Lommasson, Lucy W.....	Forest Grove.
Moreland, Edna.....	Portland.
Morgan, Bessie May.....	Forest Grove.
Newell, Gladys Ethel.....	Nehalem.
North, Alfred Myron.....	Vernonia.
Poole, Samuel Walker.....	Portland.
Russell, Eleanor.....	Forest Grove.
Scofield, Ivan Lynn.....	Forest Grove.
Slocom, George Ira.....	Hood River.
Stevens, Harriet Hannah.....	Juliaetta, Idaho.
Todd, Alice.....	Sherwood.
Venan, Lola .....	Forest Grove.
Walker, Jeremiah.....	Axford.
Walker, Sidney Elery.....	Hillsboro.
Wilkinson, Nannie Beatrice.....	Oregon City.
Wirtz, Robert Peter.....	Forest Grove.
Young, Daniel Andrew.....	Astoria.
Young, Julius Anton.....	Astoria.

## SUB-PREPARATORY.

Ackerson, Emma.....	Needy.
Alley, Mary.....	Nehalem.
Bailey, Mary.....	Forest Grove.
Baker, Berthena Margarette.....	Sherwood.
Baker, Effie Adella.....	Greenville.

Baker, Laura Belle.....	Greenville.
Baker, Louis Herbert.....	Greenville.
Barber, William Homan.....	Wilsonville.
Beauchamp, Frank Erastus.....	Forest Grove.
Boyse, Levina.....	Champoeg.
Bradley, Rose Eva.....	Greenville.
Brown, Eugene Edwin.....	Forest Grove.
Caples, Arthur.....	Forest Grove.
Caples, Oradelle.....	Forest Grove.
Chuinard, Abraham.....	Hubbard.
Downing, Dora.....	Condon.
Downing, Estella.....	Juliaetta, Idaho.
Evans, Bessie Ruth.....	Oswego.
Fanno, Helen Augusta.....	Beaverton.
Funge, Alfred John.....	Astoria.
Fuqua, Nina Lora.....	Forest Grove.
Garrison, Ellen Gertrude.....	Forest Grove.
Hamilton, Thomas Moore.....	Helena, Mont.
Hansen, Walter.....	Forest Grove.
Hobkirk, Frederick Peter.....	Portland.
Iler, Carl Crafton.....	Gales Creek.
James, George.....	Hillsboro.
Kreider, Henry Earl.....	Forest Grove.
La Chapelle, Charles John.....	Forest Grove.
Lindahl, Eva Marie.....	Astoria.
Lizer, Cora.....	North Yamhill.
McNamer, Conrad.....	Forest Grove.
Martinazzi, Julius Cæsar.....	Tualatin.
Moore, Harriet.....	Greenville.
Parker, James Arthur.....	Forest Grove.
Peat, Cora.....	Portland.
Pendleton, Martin Eugene.....	Butteville.
Scoggin, Hubert Andrew.....	Fossil.
Scofield, Clara Adelle.....	Forest Grove.

Soehren, Estelle.....	Portland.
Wilson, George William.....	Portland.
Yergen, Benjamin Ferdinand.....	Champoeg.
Young, Georgie Hale.....	Bake Oven, Wn.

## SPECIAL STUDENTS.

Beal, John Benjamin.....	Forest Grove.
Eells, Arthur Heman.....	Union City, Wn.
Gleason, Lorena.....	Forest Grove.
Harris, Clyde Clinton.....	Forest Grove.
Hughes, Grace Margaret.....	Forest Grove.
James, Sara.....	Hillsboro.
Jones, Gladys Mwynwen.....	Oswego.
Lancaster, James Hines.....	Goldendale, Wn.
Launer, Mary.....	Laurel.
Mason, Ella Lucile.....	Lexington.
Nelson, Edward Ferdinand.....	Kirkland, Wn.
Patterson, Benjamin Robert.....	Heppner.
Powell, Rose Ida.....	Atlantic, Ia.
Roe, Anna Elizabeth.....	Forest Grove.
Wirtz, John Jacob.....	Forest Grove.

## STUDENTS IN CONSERVATORY OF MUSIC.

1894—1895.

## INSTRUMENTAL.

Atwell, Mrs. Homer Charles .....	Forest Grove.
Belshaw, Edith Clara.....	Mount Vernon.
Boyse, Minnie.....	Champoeg.
Graham, Charlotte Dot.....	Forest Grove.
Henderson, Lucy Daisie.....	Gaston.

Howell, Clarence.....	Albany.
James, Sara.....	Hillsboro.
Jones, Gladys Mwynwen.....	Oswego.
Lansing, Minnie Catharine.....	Salem.
Marsh, Gertrude Emily.....	Forest Grove.
✓McClelland, Kellogg D.....	Forest Grove.
McDonald, Anna.....	Forest Grove.
Miller, Nona.....	Lebanon.
Morgan, Ethel.....	Hillsboro.
Myers, Frances.....	Forest Grove.
Powell, Rose Ida.....	Atlantic, Iowa.
Ransom, Edith.....	Forest Grove.
Roe, Anna Elizabeth.....	Forest Grove.
Russell, Eleanor.....	Forest Grove.
Steinkemeyer, Marie.....	Dilley.
Stevens, Harriet Hannah.....	Juliaetta, Idaho.
Stewart, Emma Estelle.....	Forest Grove.
Young, Georgie Hale.....	Ridgeway.
Young, Julius Anton.....	Astoria.

## VOCAL.

Alley, Ghym Bordwell.....	Nehalem.
Brooks, Helen Augusta.....	Forest Grove.
Chandler, Mrs. Emma.....	Forest Grove.
Curtis, Winterton Conway.....	The Dalles.
James, Sara.....	Hillsboro.
Jones, Gladys Mwynwen.....	Oswego.
Lloyd, Mrs. Francis Ernest.....	Forest Grove.
Miller, Nona.....	Lebanon.
Morgan, Ethel.....	Hillsboro.
Newell, Gladys Ethel.....	Nehalem.
✓Powell, Burt E.....	Forest Grove.
Powell, Rose Ida.....	Atlantic, Iowa.
Stevens, Harriet Hannah.....	Juliaetta, Idaho.

Stewart, Emma Estelle.....	Forest Grove.
Streeter, Ethel Grace.....	Portland.
Traver, Mary R.....	Forest Grove.
Traver, Martha F.....	Forest Grove.
Woods, Nellie.....	Forest Grove.
Young, Georgie Hale.....	Ridgeway.

## HARMONY.

Atwell, Mrs. Homer.....	Forest Grove.
Henderson, Lucy Daisie.....	Gaston.
Jones, Gladys Mwynwen .....	Oswego.
McDonald, Anna.....	Forest Grove.
Powell, Rose Ida.....	Atlantic, Iowa.
Russell, Eleanor.....	Forest Grove.

## STUDENTS IN ART.

Lansing, Minnie Catharine.....	Salem.
Woods, Nellie.....	Forest Grove.

## SUMMARY OF STUDENTS.

College.....	24
Academy.....	148
Conservatory of Music.....	49
Art Department.....	2
Total.....	223
Deduct number counted more than once.....	34
Total number of different students for the Academic Year 1894-1895.....	189



# THE ASSOCIATE ALUMNI.

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## OFFICERS OF THE ASSOCIATE ALUMNI.

1894—1895.

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### PRESIDENT,

MR. MILTON W. SMITH, '78 ..... Portland, Or.

### VICE-PRESIDENT,

REV. G. W. NELSON, '90 ..... Kalama, Wn.

### SECRETARY AND TREASURER,

MISS MARGARET HINMAN, '91 ..... Tillamook, Or.

## ALUMNI

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1863

Harvey W. Scott, A. M., Editor in Chief Oregonian..... Portland.

1866

Geo. H. Durham, A. M., Attorney at Law....Portland.  
Myron Eells, D. D., Congregational Clergy-

man..... Union City, Wn.  
Edward B. Watson, A. M., Attorney at Law. Portland.

1867

John Q. A. Bowlby, A. M., Attorney at Law. Astoria.

J. Elkanah Walker, A. M., Missionary A. B. C.

F. M..... Foochow, China.  
David Raffety, B. S., M. D., Physician..... Portland.

1868

Charles C. Hall, A. M., Farmer..... Portland.  
Thomas H. Tongue, A. M., Attorney at Law.. Hillsboro.

1869

Jacob Hoover, A. M., Banker..... Spokane, Wn.

Raleigh Stott, A. M., Attorney at Law. .... Portland.

Harriet (Hoover) Killin, M. S..... Portland.

1870

Frank L. Stott, A. B., obit 1873..... Gaston.

Addison A. Lindsley, A. B..... Olympia, Wn,

Georgiana (Brown) Bowlby, M. S..... Astoria.

Phoebe Irene (Clarke) Davis, M. S..... Portland.

Candace A. (Neal) Luce, M. S..... Hillsboro.

1872

Henry B. Luce, A. B., State Food Commissioner. .... Hillsboro.

1873

Levi C. Walker, A. M., Surveyor.....	Forest Grove.
William R. Bilyeu, B. S., Attorney at Law...	Albany.
W. D. Lyman, A. M., Prof. of History and of the English Language and Literature,	
Whitman College.....	Walla Walla, Wn.
Mary (Goodell) Burt, M. S. ....	Drain.
Sarah I. Lyman, M. S. ....	Portland.

1874

Eugene P. McCornack, A. B., Banker.....	Salem.
Herbert F. McCornack, A. B., M. D.....	Eugene.
Willard H. Latourette, B. S., Baptist General Missionary.....	Oakland, Cal.
Jacob G. Stevenson, B. S., Co. School Supt...	Eugene.
Dora (Henshaw) Morgan, M. S.....	Black Diamond, Wn.

1875

Hattie (Martin) Vestal, B. S. ....	Snohomish, Wn.
S. Belle (Putman) Walker, M. S. ....	Forest Grove.

1876

Edward M. Atkinson, A. B., Attorney at Law.	Portland.
Hatstara Tamura, A. M., Prof. of English Lan-	
guage and Literature, College of Kioto....	Kioto, Japan.
James T. Martin, B. S., (M. D., Univ. Mich.	
1883.) .....	Woodland, Cal,
Yei Nosea, A. M., City School Superintendent.	Tokio, Japan,
Kin Saito, B. S., (LL. B., Univ. Mich. 1871)	
Chief Justice of the Court of Hokkaido....	Hakodate, Japan.
Ella (Watt) Jackson, M. S. ....	Pullman, Wn.

1877

William K. Curtis, B. S., Farmer ..	Forest Grove.
Charles W. Schaff, B. S., M. D .....	Lewiston, Idaho.
Tabitha A. (Clark) Eberts, M. S .....	Fort Huachuca, Ariz.

1878

Laura M. (Hoxter) Whalley, A. B. ....	Portland.
DeWitt Clinton Latourette, A. M., Attorney at Law.....	Oregon City.

Horace S. Lyman, A. M., Congregational Cler-	
geman and Co. School Supt.....	Astoria.
Ella (Scott) Latourette, A. M.....	Oregon City.
Milton W. Smith, A. M., Attorney at Law....	Portland.
Mary A. (Cresswell) Eagen, M. S.....	Pendleton.
Mary S. Eaton, M. S., obit 1882 .....	Oswego.
Elvia H. Farnside, obit 1879.....	Forest Grove.
Mary J. (Lyman) McCoy, M. S.....	Portland.
Samuel R. Stott, B. S., Attorney at Law.....	Portland.

## 1879

William N. Barrett, B. S., Attorney at Law	
and District Attorney.....	Hillsboro.
Frank M. Beckwith, Merchant.....	Mayview, Wn.

## 1880

Newton McCoy, A. B., Attorney at Law.....	Portland.
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## 1881

George W. Coplen, A. B. ....	Latah, Wn.
John T. Whalley, A. M., Attorney at Law....	Portland.
J. Alfred Watt, B. S. (M. D., Univ. of Mich.)	

Physician..... Portland.

## 1882

Mitchell Gilliam, A. B., Attorney at Law.....	Seattle, Wn.
Barnett Y. Roe, A. B., Farmer.....	Gaston.
Mary Virginia Keene, M. S.....	Fairfield.

## 1883

Napoleon Davis, A. M., Attorney at Law.....	Portland.
Adelaide Poppleton, A. B.....	Portland.
Anna Jackson, M. S., Teacher.....	Portland.

## 1884.

Joseph Beek, A. B .....	Portland.
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## 1885

Marion C. Adams, A. B., Nurseryman.....	Sunset, Wn.
Margaret J. (Macrum) Byrd, M. S.....	Salem.
Silas M. Shipley, B. S., (L.L. B., Univ. Oregon,	
1888) Attorney at Law.....	Seattle, Wn.

## 1886

James R. Marsh, A. B., Farmer . . . . .	Macksburg.
J. Wheelock Marsh, A. B., Editor . . . . .	Forest Grove.
Laura (Marsh) Cadwell, M. S. . . . .	Bozeman, Mont.

## 1887

William D. Wood, A. B., (M. D., Univ. Mich.	
1890) Physician . . . . .	Hillsboro.
Callie (Campbell) Montgomery, M. S . . . . .	Grant's Pass.
Mary Gray, M. S., obit 1890 . . . . .	Portland.
Ethel Gray, M. S . . . . .	Portland.
Nellie Woods, M. S. . . . .	Forest Grove.
J. C. Clark, B. S., Teacher in I. T. School . . . . .	Chemawa.

## 1888

Estella S. Porter, A. B., obit 1889 . . . . .	Forest Grove.
Fred N. Hallett, B. S., Banker . . . . .	Juliaetta, Idaho.
Frank Hinman, B. S., Merchant . . . . .	Ellensburg, Wn.
William P. Marsh, B. S., Student Univ. Vt . . . . .	Burlington, Vt.
John U. Smith, B. S., (L.L. B., Univ. Oregon 1890) Attorney at Law . . . . .	Portland.

## 1889

Mattie E. (Koontz) Smith, B. S. . . . .	Portland.
Sidney E. Marsh, A. B., Journalist, obit 1890 . . . . .	Port Townsend, Wn.
Clay McNamee, B. S., Attorney at Law . . . . .	Moscow, Idaho.

## 1890

William S. Macrum, A. B., Bank Collector . . . . .	Portland.
Gustaf Walter Nelson, A. B., Congregational Clergyman . . . . .	Kalama, Wn.
Mary Ellen Lee, M. S . . . . .	New Whatcom, Wn.
Alexander C. Alexander, B. S . . . . .	Portland.
Lafayette Lincoln Bush, B. S., Prof. Math. Portland Univ . . . . .	Portland.

## 1891

Wm. A. Bates, B. S., Book-keeper . . . . .	Lafayette.
Margaret Hinman, B. L., Teacher . . . . .	Tillamook.
John S. Hodgin, B. S., Student . . . . .	Palo Alto, Cal.
John A. Lee, A. B., Teacher . . . . .	New Whatcom, Wn.

Mary E. (Patton) Snider, A. B. .... Oakland, Cal.  
Asa B. Snider, Student Pacific Theolog. Sem. Oakland, Cal.

## 1892

Wm. A. Bond, B. S., Co. School Supt. .... Forest Grove.  
Jesse R. Caples, B. S., Attorney at Law. .... Portland.  
Ernest E. Merges, B. L., Attorney at Law.... Portland.  
Edward L. Naylor, B. L., Real Estate.....Forest Grove.  
Pem Patton, B. S., Farmer ..... Gaston.

## 1893

E. Austin Bond, A. B., Teacher ..... Forest Grove.  
Nancy B. (Morrison) Thomas, B. L.....Gaston.  
Horace D. Stewart, A. B., Bank Cashier. ....Forest Grove.  
Loring V. Stewart, A. B., Law Student ..... New Haven, Conn.  
Dwight H. Thomas, B. S. .... .....Forest Grove.  
Edith L. Tongue, B. L., Teacher ..... Hillsboro.

## 1894

Thomas Hays Adams, A. B., Editor.....Kalama, Wn.  
Austin Craig, B. L., Editor.....Forest Grove.  
Fred. Ross Smith, A. B., Editor.....Kalama, Wn.

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REGISTER  
OF  
TUALATIN ACADEMY  
AND  
PACIFIC UNIVERSITY

1895-1896.

WITH ANNOUNCEMENTS FOR

1896-1897.

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FOREST GROVE, OREGON.

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HILLSBORO, OREGON:  
The Independent Book and Job Print, Union Block,  
1896.

1896

SEPTEMBER.

S.	M.	T.	W.	T.	F.	S.
6	7	8	9	10	11	12
13	14	15	<b>16</b>	17	<b>18</b>	19
20	21	22	23	24	25	26
27	28	29	30			

OCTOBER.

S.	M.	T.	W.	T.	F.	S.
4	5	6	7	8	9	10
11	12	13	<b>14</b>	15	<b>16</b>	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER.

1	2	3	4	5	6	7
8	9	10	11	12	13	14
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29	30					

DECEMBER.

6	7	8	9	10	11	12
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2	23	29	30	31		

1897

JANUARY.

S.	M.	T.	W.	T.	F.	S.
3	<b>4</b>	5	6	7	<b>8</b>	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	<b>28</b>	29	30
31						

FEBRUARY.

S.	M.	T.	W.	T.	F.	S.
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	<b>22</b>	23	24	25	26	27
23						

MARCH.

1	2	3	4	5	6	
7	8	9	10	11	12	13
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28	29	<b>30</b>	<b>31</b>			

APRIL.

4	5	6	7	8	9	10
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18	19	20	21	22	23	24
25	26	27	28	29	30	

MAY.

2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	<b>21</b>	22
23	24	25	26	27	28	29
30	31					

JUNE.

6	7	8	9	10	11	<b>12</b>
<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

SEPTEMBER.

S.	M.	T.	W.	T.	F.	S.
5	6	7	8	9	10	11
12	13	14	<b>15</b>	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

## CALENDAR.

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### 1896.

Sept.	16, Wednesday	The Fall Term begins at 10 A. M.
Sept.	18, Friday	College Reception.
Oct.	14, Wednesday	Founder's Day.
Nov.	26, Thursday	Thanksgiving Recess.
Nov.	27, Friday	
Dec.	23, Wednesday	The Fall Term ends.
Dec.	24, Thursday	
Jan.	3, Sunday	Christmas Recess.

### 1897.

Jan.	4, Monday	The Winter Term begins at 10 A. M.
Jan.	8, Friday	College Reception.
Jan.	28, Thursday	Day of Prayer for Colleges.
Feb.	22, Monday	Washington's Birthday and Tree Planting Exercises.
March	26, Friday	The Winter Term ends.
March	27, Saturday	
March	30, Tuesday	Spring Recess.
March	31, Wednesday	The Spring Term begins at 10 A. M.
April	2, Friday	College Reception.
May	21, Friday	Field Day.
June	12, Saturday	Anniversary of the Conservatory of Music.
June	13, Sunday	Baccalaureate Sermon.
June	14, Monday	Address before the College Christian Associations.
June	15, Tuesday	Address before the Literary Societies.
June	16, Wednesday	Closing Exercises of Tualatin Academy.
Sept.	15, Wednesday	Annual Meeting of the Alumni.
		Commencement Exercises.
		The Fall Terms begins at 10 A. M.

## TRUSTEES.

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PRES. THOMAS McCLELLAND, D. D., ex officio.		Forest Grove
REV. MYRON EELLS, D. D., term expires 1897.		Union City, Wn.
NAPOLEON DAVIS, A. M.	" 1897,	Portland
A. T. GILBERT,-----	" 1898,	Portland
HON. H. H. NORTHRUP,--	" 1898,	Portland
HON. R. P. BOISE, LL. D.	" 1899,	Salem
REV. CEPHAS F. CLAPP--	" 1899,	Forest Grove
L. H. ANDREWS,-----	" 1900,	Oregon City
HON. H. W. CORBETT,----	" 1900,	Portland
HON. A. HINMAN,-----	" 1901,	Forest Grove
HON. HENRY FAILING,--	" 1901,	Portland
F. M. WARREN, -----	" 1901,	Portland
MILTON W. SMITH, A. M.	" 1902,	Portland
NEWTON McCOY, A. B.--	" 1902,	Portland

## FINANCE COMMITTEE.

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HON. HENRY FAILING.  
HON. A. HINMAN.  
PRES. T. McCLELLAND.  
MILTON W. SMITH.  
NAPOLEON DAVIS.

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## OFFICERS OF THE BOARD.

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HON. A. HINMAN,-----	PRESIDENT.
NAPOLEON DAVIS-----	SECRETARY.
REV. MYRON EELLS, D. D.	ASSISTANT SECRETARY.
HON. HENRY FAILING-----	TREASURER.
W. P. MCKENZIE -----	FINANCIAL SECRETARY.
PROF. W. N. FERRIN -----	ASSISTANT FINANCIAL SEC.

## FACULTY AND INSTRUCTORS.

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REV. THOMAS McCLELLAND, D. D., PRESIDENT,  
*Professor of Mental and Moral Philosophy.*

JOSEPH WALKER MARSH, PH. D.,  
*Professor of Greek and Latin, and Librarian.*

WILLIAM NELSON FERRIN, M. A.,  
*Professor of Mathematics.*

THEODORE WHITTELSEY, PH. D.,  
*Professor of Chemistry and Physics.*

FRANCIS ERNEST LLOYD, M. A.,  
*Professor of Biology and Geology.*

JAMES ROOD ROBERTSON, M. A.,  
*Professor of History, Economics and Civics.*

MARGARET BEST, B. A  
*Principal of the Woman's Department and Instructor in English.*

REV. HENRY LIBERTY BATES, M. A.  
*Principal of the Academy.*

HOMER CHARLES ATWELL,  
*Instructor in Greek and Latin.*

RACHEL GREEN LLOYD, B. L.,  
*Instructor in English Language and Literature.*

BERTHA M. BUCKHAM,  
*Instructor in the Academy.*

\*CLARA WHIITE COOLEY, A. C. M.  
*Director of the Conservatory of Music and Instructor in Piano-forte, Organ and Theory.*

MRS. WALTER REED,  
*Instructor in Vocal Music.*

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J. M. GARRISON, M. A.  
*Instructor in Penmanship.*

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MISS O. A. HASKELL,  
*Matron Herrick Hall.*

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\* Until close of Spring Term, 1895-6. To be filled before the Fall Term opens.

## GENERAL INFORMATION.

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### AIM.

Tualatin Academy was founded in 1848, and Pacific University in 1853, in order to make it possible for the young people of the Pacific Northwest to obtain a thorough education under Christian influences. As it is not dependent for its support upon the tuition paid by its students and consequently the mere number of students in attendance is not regarded as all-important, the faculty is enabled to maintain thorough standards of scholarship in all grades of study and to offer unusual advantages for advanced work.

### LOCATION.

The College is located at Forest Grove, Oregon, a beautiful and growing town of 1,500 inhabitants. It is situated on the Southern Pacific Railroad, West Side, twenty-six miles from Portland, and is easily reached by two trains daily from either direction.

The College has been the chief factor in building up the town. No drinking saloons are permitted. Its beautiful location and well-deserved reputation for general good order, make Forest Grove a home for students, remarkably free from the temptations and dangers often surrounding school life.

### BUILDINGS.

The buildings are situated on an ample campus of thirty acres, covered in part with a growth of native oaks and

spruce, and commanding a fine view of the surrounding mountains.

**MARSH MEMORIAL HALL.** This building, raised in commemoration of Ex-President Sidney Harper Marsh, is large and finely constructed of brick with stone trimmings. The dimensions are 142x70 feet: There are thirteen recitation rooms, a reception room, office, literary society rooms, art room and library. There is also a commodious chapel, which, when thrown open into the adjoining rooms, will seat comfortably 1,000 people.

The building is well lighted and ventilated, and is heated throughout by hot water.

**SCIENCE HALL.** A substantial two-story building, formerly used for library and recitation purposes, is now used as a biological and chemical laboratory.

**HERRICK HALL.** By recent action of the trustees, the building formerly known as Ladies' Hall has been named Herrick Hall in honor of Rev. John R. Herrick, D. D., president from 1880 to 1883. This large four-story building, conveniently arranged, furnishes excellent accommodations for young women to room and board, and also affords table board for a number of young men.

The different floors are supplied with water, and a bath room with hot and cold water is provided. The laundry in the basement furnishes young women, who so choose, an opportunity to do their own washing.

Each suite of rooms, consisting of study and sleeping room with large closet, is adapted to two occupants. The rooms are heated, and furnished with carpet, study-table, stand, mirror, chairs, woven-wire bed with mattress, lamps, and toilet set. Occupants will be expected to provide themselves with towels, napkins and necessary bedding.

The hall is conducted so as to afford a well regulated

Christian home for young women coming from out of town.

MEN'S DORMITORY. Young men may obtain comfortable rooms at the Men's Dormitory. These rooms are supplied with woven-wire bed, washstand, table, chairs and stove. Occupants are expected to provide all other necessary furnishings, including mattress and bedding. The rates for the present year will be found under the head of "Expenses."

GYMNASIUM. The gymnasium affords opportunity for athletic exercises and is open to students under proper restrictions.

#### APPARATUS AND COLLECTIONS.

The Chemical Laboratory is well supplied with apparatus and chemicals needed in the courses in General and Analytical Chemistry. The rooms are supplied with desks and tables with appropriate fixtures, balances, and a set of assaying apparatus.

The Mathematical Department is supplied with a valuable set of engineering instruments.

A good series of specimens, partly from Europe, illustrates the origin of the various kinds of rock. A fair collection of fossils serves to show the sequence of geological times and their fauna and flora. An excellent series of ores and other minerals is also accessible to the students for investigation.

An herbarium of over 2,000 species (mostly from this region) belonging to the College, and another of 2,000 Eastern species constitute the collection of plants accessible for study.

By the courtesy of Dr. J. R. Cardwell, president of the Oregon State Horticultural Commission, the World's Fair exhibit, consisting of 480 species of Oregon plants, mounted

in swinging frames on artistic pillars of Oregon oak, has been deposited in the Botanical Laboratory.

Contributions to the library and collections are solicited, and may be sent to any member of the Faculty.

A station of the State Weather Bureau is established at the University, and students have an opportunity to become familiar with the use of the standard instruments of the Government Signal Service. Daily readings of the various instruments are taken under the direction of a member of the Faculty, and a complete record is kept. The weather forecasts, issued by the government, are received by telegraph daily and displayed by the University.

#### LIBRARY AND READING ROOM.

The College Library now numbers about 7,500 volumes, and is open to all students daily. These volumes are classified for ready reference, and in some of the more important departments of knowledge the Library is very full.

The reading room, which is supplied with a well selected list of leading magazines and periodicals, together with a number of religious and secular newspapers of different denominations and parties, is open to all students.

#### LECTURE COURSE.

During the fall and winter term of the year 1895-1896, lectures were given by Mr. R. M. Brereton, Rev. Daniel Staver, Hon. Geo. H. Williams, Prof. Lloyd, Principal Bates, Prof. Ferrin and Prof. Robertson, also addresses by Rev. J. K. McLean, D. D., of Oakland Cal., and Pres. Chapman, of the State University.

A course of lectures will be provided during the coming year.

#### LITERARY SOCIETIES.

There are two Student Societies in the institution—the

Gamma Sigma for men, and the Philomathean for women. Membership in them is voluntary. They meet weekly and are the means of developing and fostering literary excellence. Essays, orations and discussions are presented, and a familiarity with parliamentary rules is gained. Eligible rooms have been provided for the Societies in Marsh Memorial Hall.

#### PHYSICAL TRAINING.

The Gymnasium will be thrown open free to all students during certain hours daily. Permits, however, must be obtained from the officer in charge.

Exercise in the open air and athletic sports are encouraged, and spacious grounds on the college campus afford excellent opportunities for this kind of physical culture.

#### REGULATIONS.

The Institution does not desire the attendance of any students who are not industrious and well disposed, or who are too wayward for home restraint. To such as are earnest, it affords the advantages of a quiet and orderly community, with all the opportunities of study and mental improvement afforded by an institution on a firm foundation. A careful record of attendance, deportment and scholarship is kept, and reports are sent to the parents of all minor students at the end of each term. Any who are idle or listless, or whose influence is bad, are not allowed to remain in the school.

The immediate control in all matters pertaining to the conduct of students is in the hands of the Faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rules of good manners and good morals; they are expected to be orderly, faithful, respectful and honest, and to render a

cheerful compliance with such regulations and requirements as the Faculty may, from time to time, find it necessary to make.

Non-resident students in special departments are subject to the general rules of the institution.

Students are not allowed to room at a hotel or public boarding house, except by special permission of the faculty. In selecting or changing rooms, students must consult the presiding officer of the department in which they are registered, and young women residing elsewhere than at Herrick Hall will be under the supervision of the mistress of the house where they room.

Permission for absence from recitations or from town must be obtained in advance, whenever possible, from the head of the department in which the student is registered.

Profanity, the use of intoxicating drinks gambling, visiting of billiard halls and saloons, attending dancing parties during term-time, and the use of tobacco on or about the College premises, are forbidden.

Students in any department of the institution may not receive calls or visits at their rooms from persons of the opposite sex, except from members of their own families.

In order to insure the time necessary for the preparation of lessons and to encourage methodical habits, an observance of the following study hours is required:

*Study hours*, excepts on Saturday and Sunday, are from 8:45 to 12 A. M., from 1 to 4 P. M. and from 7:30 to 9 P. M. After May 1, and on Saturdays throughout the year, from 8 to 9 P. M. During these hours and after 9 P. M. students are expected to be in their rooms unless at school exercises or especially excused.

#### WOMAN'S DEPARTMENT.

The Woman's Department is not a separate school, but

young women are admitted to all courses of study on equal terms with young men, and so far as they are pursuing the same studies, they recite together. The young women of the institution are under the supervision of the principal of the Woman's Department.

#### RELIGIOUS EXERCISES.

The Institution aims to give to its students a thorough education, and it believes that the highest intellectual culture and the greatest moral excellence can be obtained only as they are developed from the principles of Christianity. To this end, some special religious exercises are requisite. Accordingly, all students are required to attend daily prayers at the chapel, and church service on Sunday morning. The churches of the town represent the following denominations: Baptist, Congregational, Disciples and Methodist. Each student attends the church of his choice, but must select and attend some one church regularly. Bible study occupies a place throughout the curriculum.

Branches of the College Young Men's and Young Women's Christian Associations are maintained by the students, and prayer-meetings occur every Tuesday evening, to which all the students are invited. The work of these societies is very helpful in determining the Christian character of the Institution.

#### EXPENSES.

Tuition and other expenses are made as low as possible so as to bring a thorough education within the reach of all.

Tuition must be paid in advance each term, and charges for rooms and board in College buildings in advance at the beginning of each half term, to the Assistant Financial Secretary.

College Tuition, per term.....	\$15 00
Academy Tuition, per term.....	10 00

Each student pays an incidental fee of one dollar per term.

The charge for one study (five hours per week) is one-half the regular rate of tuition. For more than one study full rates are charged.

No money paid in for tuition is refunded to students who leave before the close of the term, except in cases in which they are excused before the middle of the term on account of their own sickness, in which event the tuition for the latter half of the term will be paid back.

Each student is required to exhibit to his various instructors, during the first week of each term, the Treasurer's receipt for his term bills or a certificate showing that a satisfactory adjustment of them has been made.

#### BOARD AND ROOMS.

HERRICK H. L. L. The price of room rent and board is, for the present, from \$3.00 to \$4.00 per week, according to location and furnishing of rooms. Table board for young men, \$2.50.

MEN'S DORMITORY. The price of room rent for the present year will be twenty-five cents per week for each occupant, exclusive of lights and fuel. The rooms are arranged for two occupants. Good board will be furnished on the club at actual cost, probably not exceeding \$1.50 per week.

Rooms and board may be obtained in private families in the town.

#### COLLEGE AID.

The College desires to encourage self supporting students, and such are enrolled every year. Assistance is rendered students in obtaining employment in the town, and those who desire to aid themselves in this way can

generally find the opportunity. As a rule, no capable young man or woman possessed of good health and a determination to secure a college education, need fail in the attempt.

Through a bequest of \$10,000 by Mr. Charles Atkinson, of Moline, Ill., the Atkinson Scholarship Fund has been established. There is also a Benedict Scholarship Fund of over \$2,000. The income received from these funds is applied to assist worthy students, whose circumstances require it. Any one who indulges in the use of tobacco or who has any other expensive habit will be debarred from such aid. Application for aid must be made each term to the President. Sons and daughters of missionaries in actual service are admitted upon payment of one-half tuition.

The educational societies assist those in College who are preparing for the Christian ministry.

#### CORPORATE NAME.

The corporate name of this institution is, "The President and Trustees of Tualatin Academy and Pacific University."

# THE COLLEGE.

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## TERMS OF ADMISSION.

Candidates for admission must be at least fifteen years of age. A proportionate increase in age is required to enter advanced classes.

### *For the Course Leading to the Degree of Bachelor of Arts.*

1. IN ENGLISH:—Each candidate will be expected to criticise, analyze and parse specimens of English given at the time of examination. The candidate will be required to write a short English composition, correct in spelling, punctuation, grammar, idiom and division into paragraphs, and plain and natural in style, on a subject announced at the time of examination. Subjects will be selected from the following works.

For 1896:—Longfellow's Evangeline and Courtship of Miles Standish, Whittier's Snowbound, Lowell's Vision of Sir Launfal, Bryant's Thanatopsis, Irving's Sketch Book, Scott's Lady of the Lake, Emerson's Essays on Self-reliance, American Scholar and Compensation, Shakespeare's Merchant of Venice, or equivalents.

2. IN GREEK:—(a) Grammar, Goodwin's or Crosby's.  
(b) Translation of simple English sentences into Greek.  
(c) Xenophon's Anabasis, three books, or equivalent.  
(d) Translations at sight of passages from easy Greek prose.

3. IN LATIN:—(a) Grammar, Allen & Greenough's, Harkness' or Andrews and Stoddard's.  
(b) Translation of easy sentences into Latin prose.  
(c) Caesar's Gallic War, three books, or equivalent.  
(d) Four orations of Cicero, or equivalent.  
(e) Vergil's Eneid, four books or equivalent.  
(f) Translation at sight of passages from easy Latin prose.

4. IN MATHEMATICS:—(a) Arithmetic, including the metric system.  
(b) Algebra, through quadratic equations.  
(c) Plane and Solid Geometry.
5. IN HISTORY:—(a) U. S History, leading facts  
(b) History of Greece, leading facts  
(c) History of Rome, leading facts  
(d) Outline of Greek and Roman Mythology.
5. IN GEOGRAPHY:—(a) Modern.  
(b) Outline of Ancient.

*For the Courses Leading to the Degrees of Bachelor of Science and Bachelor of Literature.*

In English, Latin and Mathematics the requirements are the same as for the course leading to the Degree of Bachelor of Arts. Candidates for admission to this course need not offer Greek, in place of which they will be examined in the following subjects:

- IN FRENCH:—(a) Some proficiency in pronunciation.  
(b) Keetels' French Grammar.  
(c) Télémaque, A play of Racine, Poètes du XIX<sup>e</sup> Siècle.  
(d) Some acquaintance with the history of the literature.
2. IN ELEMENTARY SCIENCE:—(a) Astronomy.  
(b) Physics.  
(c) Physiology.

#### ENTRANCE BY CERTIFICATE.

Students who have pursued a course of study equivalent to one of those prescribed in Tualatin Academy, may, by special vote of the Faculty, be admitted to Pacific University on the certificate of the preparatory schools. Schools which desire to have their students thus admitted are requested to send to the Secretary of the Faculty their courses of study. All certificates should, if possible, be sent before Commencement.

If the preparation of the student who is admitted by certificate is found to be wanting in thoroughness the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

## COURSES OF STUDY.

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1. Candidates for the degree of Bachelor of Arts, after pursuing a required course in Greek, Latin, Mathematics, History, English and the introductory study of the Sciences through the Freshman and Sophomore years are allowed to elect a certain number of their studies. Certain studies are still required of all alike through the course, and each student is required to so choose from the electives as to bring his total work up to a prescribed number of exercises per week. The subjects are offered in most cases in such a way as to furnish continuous courses of study in each department. For list see pp. 22-23.

2. Candidates for the degree of Bachelor of Science will pursue the same courses, required and elective, as candidates for the degree of Bachelor of Arts, except that the place of Greek will be taken by Analytical Geometry, Calculus, and advanced work in Chemistry and Biology.

3. The course leading to the degree of Bachelor of Literature is a shorter course designed for women who do not wish to pursue the study of Greek, Higher Mathematics, or advanced Science. The other required work and the elective courses are the same as for the degree of Bachelor of Arts, except that music may be substituted for the elective work.

### SPECIAL STUDENTS.

In the arrangement of the courses, the established fact is recognized that fixed schemes of study must be maintain-

ed in the interest of higher education, and students are strongly advised and encouraged to enter the regular courses.

All the privileges of the University, however, are open to students pursuing partial courses, as far as they are prepared to take advantage of them. Such special students in any course or department, not candidates for a degree, will be entitled to certificates of proficiency in the branches of study pursued.

#### DEGREES.

The degree of Bachelor of Arts is conferred upon the graduates of the Classical Course, that of Bachelor of Science upon the graduates of the Scientific Course; that of Bachelor of Letters upon graduates of the Literary Course. There is a charge of \$5.00 for Diploma.

Any Bachelor of Arts may receive the degree of Master of Arts in course after three years of continuous interest and work in any of the higher professions, evidence of which must be furnished the Trustees by presenting either a written thesis or public oration before receiving the degree. The subject of the thesis or oration must accompany the application, which must be made to the President.

#### TEACHERS' CERTIFICATES.

In accordance with the law approved February 20, 1891, the State Board of Education has determined that any person receiving a literary degree, in course, from this institution shall be entitled to receive a State Diploma after having passed an approved examination in the following branches: Book-keeping, Composition, Physical Geography, Algebra, English Literature, Oregon School Law, General History, and Theory and Practice of Teaching. This examination will be held under the direction of a member of the Faculty at the end of each college year. A State Lite Diploma will be granted to such holders of State Diplomas after six years, of successful teaching.

# OUTLINE OF COURSES.

## FRESHMAN YEAR.

### FIRST TERM.

CLASSICAL COURSE.	SCIENTIFIC COURSE	LITERARY COURSE.
Livy 4*	Livy 4	Livy 4
Algebra 5	Algebra 5	Algebra 5
Herodotus 5	History 3	History 4
Rhetoric 1	English Literature 2	English Literature 2
	Rhetoric 1	Rhetoric 1

### SECOND TERM.

Tacitus 5	Tacitus 5	Tacitus 5
Trigonometry 4	Trigonometry 4	Trigonometry 4
Homer 5	History 3	History 3
Rhetoric 1	English Literature 2	English Literature 2

### THIRD TERM.

Horace 5	Horace 5	Horace 5
Engineering or American Literature } 5	Engineering 5	American Lit. 5
	History 3	History 3
Thucydides 5	English Literature 2	English Literature 2
Rhetoric 1	Rhetoric 1	Rhetoric 1

## SOPHOMORE YEAR.

### FIRST TERM.

General Chemistry 5	General Chemistry 5	General Chemistry 5
Sophocles 5	German 5	German 5
History 3	Analytical Ge-	Elective 5
English Literature 2	ometry 5	

\*The numerals indicate the number of exercises per week in each subject.

## SECOND TERM.

Biology 5	Biology 5	Biology 5
Terence and Quintilian } 5	Calculus 5	Elective 5
History 3	German 5	German 5
English Literature 2		

## THIRD TERM.

Biology 5	Biology 5	Biology 5
Plato 3	German 5	German 5
Botany 2	Calculus 3	Elective 5
History 3	Botany 2	
English Literature 2		

## JUNIOR YEAR.

## FIRST TERM.

Mechanics 5	Mechanics 5	Political Economy 3
German 5	Chemistry II or } 5	Logic 4
Elective 5	Biology I } 5	Psychology 3

## SECOND TERM.

Physics 5	Physics 5	Political Economy 3
German 5	Chemistry II and } 5	Psychology 3
Elective 5	III or Biology II } 5	Evidences 4

## THIRD TERM.

Astronomy 5	Astronomy 5	Ethics 5
German 5	Chemistry III } 5	Geology 5
Elective 5	or Biology II } 5	Elective 5

## SENIOR YEAR.

## FIRST TERM.

CLASSICAL COURSE.	SCIENTIFIC COURSE.
Political Economy 3	Political Economy 3
Logic 4	Logic 4
Psychology 3	Psychology 3
Elective 5	Elective 5

## SECOND TERM.

Political Economy 3	Political Economy 3
Psychology 3	Psychology 3
Evidences 4	Evidences 4
Elective 5	Elective 5

## THIRD TERM.

Ethics 5	Ethics 5
Geology 5	Geology 5
Elective 5	Elective 5

NOTE—Essays or orations will be required throughout each course.

## ELECTIVES.

Students in the last two years in College are required to elect from the following courses so as to bring their total work up to fifteen exercises per week. A detailed description of the courses will be found under the respective departments on the following pages.

Latin, 2; Greek, 3; French, 3; English Literature, 2; History, 3; Civil Government, 2; Mathematics, 5; Chemistry (Junior) 5; Chemistry (Senior), 2; Biology (Junior), 5; Biology (Senior), 3; Psychology (Spring term), 3; Philosophy (Spring term), 2.

It is assumed that the choice of electives will be made by the students with reference to some clear, deliberate plan and as a result of consultation with the President. In all cases the natural sequence of studies must be observed. The Faculty reserves the right to exclude a student from any elective for which his previous studies have not prepared him. It is generally desirable that subjects be elected to run through the entire year. Electing by terms,

however, will for the present be allowed to a limited extent; but in every case an elective course extending over more than a term must be pursued for the full time.

The Faculty reserves the right to withdraw any elective, if it be not chosen by a sufficient number of students to constitute a class.

An exercise usually occupies an hour, except in the case of Analytical Chemistry and Biology, when it occupies from two to three hours in the Laboratory. The course in French, although coming five times per week, will count as a three hour elective.

Music may be substituted for Elective work in the literary course, in which case three hours of music will be equivalent to one hour of elective work.

## DEPARTMENTS AND METHODS OF INSTRUCTION.

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### PHILOSOPHY.

PRESIDENT MCCLELLAND.

PSYCHOLOGY. The principles of this subject are taught by means of text-books and lectures. Essays are required upon appointed themes, and a course of selected reading is marked and required. *Porter*: Elements of Intellectual Science. Senior required course. Three hours per week during the Fall and Winter terms.

PHYSIOLOGICAL PSYCHOLOGY. More particular attention is paid in this course to mental phenomena from the experimental and physiological point of view than is possible in the prescribed course. Ladd's Outlines of Physiological Psychology, will be made the basis of this work, the Elements of Physiological Psychology, by the same author, being used as a book of reference. Senior elective course. Three hours per week during the Spring term.

PHILOSOPHY. This course consists of reading and discussions on special topics relating to the development of the philosophy of Europe during the seventeenth century. Senior elective course. Two hours per week during the Spring term.

EVIDENCES OF CHRISTIANITY. This subject is taught by text-book, due consideration being paid to the current phases of thought. *Wright*: Logic of Christian Evidences.

Fisher: Manual of Christian Evidences. Senior required course. Four hours per week during the Winter term.

ETHICS. In this course the text-book is supplemented by class discussions on the practical application of the principles established to the conduct of life. Hopkins: Law of Love and Love as a Law, Fairchild: Moral Philosophy. Senior required course. Five hours per week during the Spring term.

LOGIC. Jevons' Logic, as recast by Hill, is the text-book used in this course. Frequent exercises in argumentation and the application of the principles of the science are assigned to the class. Special stress is laid upon the practical work done as the surest means of furnishing aid to the student in learning to think. Senior required course. Four hours per week during the Fall term.

## LATIN AND GREEK.

### PROFESSOR MARSH.

LIVV. Book XXI. Besides the history of the period special attention is here paid to Roman antiquities. Freshman required course. Four hours per week during the Fall term.

TACITUS. Germania and Agricola. Freshman required course. Five hours per week during the Winter term.

HORACE. Selected Odes and Satires, Ars Poetica. Particular attention is paid to the style of Horace; and selections from other Latin poets are read for the sake of comparison. A few metrical translations are also required. Freshman required course. Four hours per week during the Spring term.

TERENCE. Andria. Required for Sophomores in the Classical course. Five hours per week for six weeks of the Winter term.

**QUINTILIAN.** Selections from *De Institutione Oratoria* are read, which present some of the leading principles of Rhetoric. Required for Sophomores in the Classical course. Five hours per week for six weeks of the Winter term.

**CICERO.** *De Amicitia*, *De Officiis*, *De Oratore*. Elective course. Two hours per week throughout the year.

**GREEK AND LATIN TESTAMENTS.** One hour per week throughout the College course, those in the Classical course reading in Wescott and Hort's Greek Testament, and those in the other courses using the Latin. The use of the two languages in the same class affords an opportunity for comparative study to students in all courses. In the Freshman and Sophomore years selections from the Gospels and the Acts are read; in the Junior and Senior years from the Epistles.

**HERODOTUS.** Selections from Goodwin's Greek Reader. In connection with this course there is given a thorough grammatical review. The study of Greek literature is taken up as outlined in Botta's Universal Literature. Required for Freshmen in the Classical course. Five hours per week during the Fall term.

**HOMER.** Two or more books of the Iliad. Required course for Freshmen in the Classical course. Five hours per week during the Winter term.

**THUCYDIDES.** Selections. Required for Freshmen in the Classical course. Five hours per week during the Spring term.

**SOPHOCLES.** Antigone. The study of the Greek drama is taken up by lectures and collateral readings. Required for Sophomores in the Classical course. Five hours per week during the Fall term.

**PLATO** *Apology* and *Crito*. Required for Sophomors in the Classical course. Three hours per week during the Spring term.

PLATO. A further study of Plato's writings and of Greek Philosophy than is possible in the required course is undertaken in this course, which is elective for Juniors and Seniors. Three hours per week during the Winter term.

ÆSCHYLUS. Prometheus Bound. Elective for Juniors and Seniors. Three hours per week during the Fall term.

DEMOSTHENES. De Corona. Elective for Juniors and Seniors. Three hours per week during the Spring term.

## PURE AND APPLIED MATHEMATICS.

PROFESSOR FERRIN.

HIGHER ALGEBRA. Beginning with a rapid review of Quadratics, the work in this subject is carried as far as the capacity of the class will permit. Freshman required course. Five hours per week during the Fall term.

TRIGONOMETRY, PLANE AND SPHERICAL. Due attention is paid in this course to the practical applications of Trigonometry in Plane Surveying, Navigation and Astronomy. Freshman required course. Four hours per week during the Winter term.

ENGINEERING. This course consists largely of field-work and is designed to teach the practical use of the various engineering instruments. Practice is had in measuring and computing farm areas with the compass and chain; in the use of the Level instrument in determining the contours of lines and of some of the streets of the town; in the use of the Engineer's Transit in laying out railroad curves etc. Attention is given also to the plotting of areas and lines. Required for Freshmen in the Scientific course. Optional with American Literature for Freshmen in the Classical course. Five exercises per week during the Spring term.

ANALYTICAL GEOMETRY. Required for Sophomores

in the Scientific course. Elective for other students. Five hours per week during the Fall term.

CALCULUS. The infinitesimal method is used in the treatment of this subject. Required for Sophomores in the Scientific course. Elective for other students. Five hours per week during the Winter term and three hours per week during the Spring term.

MECHANICS. *Olmsted*: Revised College Philosophy. Junior required course. Five hours per week during the Fall term.

PHYSICS. This course consists of a mathematical treatment of the different branches of Physics, the work being supplemented by lectures and use of illustrative apparatus.

*Olmsted*: Revised College Philosophy. Junior required course. Five hours per week during the Winter term.

ASTRONOMY. Special attention is given to establishing the mathematical principles of the science and to teaching the methods of computation in most general use in practical Astronomy. *Olmsted*: Revised College Astronomy. Junior required course. Five hours per week during the Spring term.

## CHEMISTRY.

PROFESSOR WHITTELSEY.

I. GENERAL CHEMISTRY. (a) Lectures on Inorganic Chemistry: Colloquium twice a week.

(b) Laboratory Course—A study of the principles of chemistry, as exemplified by the non-metallic elements and their compounds. Reference books: *Freer*: Inorganic General Chemistry; *Remsen*: Inorganic Chemistry. Three exercises per week (9 hours.) Fee, \$2.00. Sophomore required course, Fall term. Five credits

II. INORGANIC CHEMISTRY. A continuation of course I, (a.) Lectures on the metals and their compounds,

and on the applications of chemistry to the arts and industries. Twice a week during the Fall and Winter terms. Optional with Biology for Juniors in the Scientific Course. Elective for other students.

III. QUALITATIVE ANALYSIS. Laboratory course. After an experimental study of the reactions of the more common metals and acids, single and mixed substances are presented to the student for identification, a gradual advance being made from simple to complex substances. Reference books: *Harris*, *Thorpe & Muir*, *Menschutkin*, *Fresenius*. Three exercises per week (9 hours) Fall and Winter terms. Fee \$5.00 per term. Optional with Biology for Scientific students, Elective for others.

IV. QUANTITATIVE ANALYSIS. Laboratory course A study of typical gravimetric and volumetric analysis. Reference books: *Thorpe*, *Classen*, *Sutton*, *Cl. Winkler*, *Fresenius*, *Mears*. Two exercises (6 hours) throughout the year. Fee \$5.00 per term. Senior Elective.

V. ORGANIC CHEMISTRY. Lectures on the structural and synthetical relations of the compounds of Carbon. Reference books: *Bernthsen*; *Richter*; *Mevers & Jacobsen*. Four times per week. Colloquium once per week. Spring term. Optional with Biology for Juniors in Scientific course Elective for others.

VI. ORGANIC CHEMISTRY. Laboratory course. Preparation of organic compounds. Reference books; *Levy*; *Gatterman*: Three exercises (9 hours) per week throughout the year. Must accompany or be preceded by course V. Elective.

NOTE Laboratory courses III. and IV. will be so arranged that the student may earn two, three, or five credits per term, according to the time spent in the laboratory, one credit being given for a laboratory period of three hours.

## BIOLOGY.

PROFESSOR LLOYD.

I. GENERAL BIOLOGY. Introductory course; lectures, laboratory work and colloquium. *Seagewick & Wilson*: General Biology. Sophomore required. Winter term. Five hours.

II. Structure and classification of flowering plants. An herbarium of one hundred and fifty species--fifty during the spring term and one hundred during the summer following is collected. *Macloskie*: Botany. Sophomore required. Second semester. Seven hours.

III. Comparative anatomy of types of plant groups; plant physiology. First semester. Three hours. Junior Scientific required; Classical elective.

IV. Reproduction and embryology of plants; experimental plant physiology; economic relations. Senior elective. Spring term. Three hours.

V. Comparative anatomy of types of Invertebrates and Vertebrates. Physiology. Junior Scientific required; Classical elective. Second semester. Three hours.

VI. Comparative Histology of Vertebrates Senior elective. Fall term. Three hours.

VII. Vertebrate Embryology. Senior elective. Winter term. Three hours.

GEOLOGY. Senior required course. Spring term. Five hours. Field work, map work and study of fossils in the laboratory. Lectures and discussions.

## ENGLISH LANGUAGE AND LITERATURE.

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It is the object of this work to bring the student in touch with the best works of the English author, and to give him facility in the use of the language. The courses

are conducted by means of lectures, direct readings of authors and special papers on assigned topics. Reference books: *Stopford Brooke*: English Literature Primer; *Gosse*: English Literature; *Ward*: English Poets; *Schlegel*: Dramatic Literature; *Minto*: Manual of English Prose Literature; *Minto*: English Poets; *Hale*: Longer English Poems; *Johnson*: Lives of the Poets (edited by Mathew Arnold); *Spenser*: Faery Queen; *Chaucer*: Prologue (Clarendon Press); Hudson's edition of Shakespeare; Rolfe's edition of Shakespeare.

**RHETORIC.** (a) Work upon special topics will be assigned. In the class-room drill will be had in the writing of descriptions, narratives and sketches. A study of selections from the best English and American authors will accompany this work. Text books: *Genung*: Rhetoric and Hand-book of Rhetorical Analysis. Freshman required course. One exercise per week throughout the year.

(b) The subject for Rhetorical work in the Sophomore year will be the Essay, in the Junior year, Argumentation, and in the Senior year, the Oration. One exercise each year is required.

**OUTLINE OF ENGLISH LITERATURE.** Required course for Sophomores in the Classical course and Freshmen in the other courses. Two exercises per week during the Fall term.

**ENGLISH PROSE WRITERS.** Required course for Sophomores in the Classical course and Freshmen in other courses. Two exercises per week during the Winter term.

**ENGLISH POETS AND POETRY.** Required course for Sophomores in the Classical course and Freshmen in other courses. Two exercises per week during the Spring term.

**AMERICAN LITERATURE.** This course will include a brief survey of the literature of the eighteenth and nineteenth centuries, together with selected readings from the

best American poets and prose writers. Freshman course, required for students in the Literary Course, optional with Engineering for students in the Classical course. Five exercises per week during the Spring term.

DEVELOPMENT OF THE DRAMA. In this course the study of Shakespeare occupies a large portion of the time. Elective course. Two exercises per week during the Fall term.

CHAUCER SPENSER AND MILTON. Elective course. Two exercises per week during the Winter term.

NINETEENTH CENTURY AUTHORS. Elective course. Two exercises per week during the Spring term.

### MODERN LANGUAGES.

#### FRENCH.

##### PROFESSOR MARSH.

French is taught as a required study through the third year of the Scientific and Literary course in the Academy. The order of study pursued will be as follows:

Kleetels; Grammar; Fenelon; Télemaque; Racine; Andromaque; Poètes du XIX<sup>e</sup> Siècle.

The History of French literature will also be studied in outline.

#### GERMAN.

##### PROFESSOR WHITTELSEY.

Whitney: Brief German Grammar. Grimm: Kinder-und Hausmärchen. Andersen: Märchen (sight reading.) Selections from German Lyrics. Seidel: Die Monate, Herr Omnia. Required for Juniors in the Classical course and Sophomores in the Scientific course. Five hours per week throughout the year.

SCIENTIFIC GERMAN. Bilder aus der Deutschen Literatur.

## HISTORY, ECONOMICS AND CIVICS.

PROFESSOR ROBERTSON.

**GENERAL HISTORY.** This course includes the leading facts and movements from the fall of the Roman Empire to the present time. Text-books, lectures and supplementary reading. Required for Sophomores in Classical and Freshmen in Scientific course. Text-books: *Myers: Mediaeval and Modern History*. Reference books: *Emerton: Introduction to Middle Ages*; *Emerton: Mediaeval History*; *Adams: Civilization During the Middle Ages*; *Henderson: Documents of Mediaeval History*; *Lodge: Modern Europe*; *Hausser: Period of the Reformation*; *Fyffe: Modern Europe*; *Mueller: Political History of Recent Times*; *Schilting: Documents of Modern History*. Three exercises per week during the year.

**POLITICAL HISTORY OF THE UNITED STATES** This course includes a study of the political history of the United States, from the formation of the Union to the present time. Text-book, lectures, and supplementary reading. Text-book: *Johnson: American Politics*. Reference books: *Hart: Formation of the Union*; *Fiske: Critical Period of American History*; *Schouler: American History*; *Von Holtz: Constitutional History of the U. S.*; *Wilson: Disunion and Reconstruction*; *Wilson: History of Slavery*; *American Statesman Series*, *Annals of Congress*. Elective for Juniors and Seniors in all courses. Three exercises per week during the year.

**CIVIL GOVERNMENT.** This course includes a study of general principles of government and a comparative study of their application in the national, local and municipal institutions of Greece, Rome, Germany, France, England and the United States. Text-book and supplementary reading. Text-book, *Wilson: The State*; Reference Book: *Burgess: Political Science and Constitutional Law*. Elective for Juniors

and Seniors in all courses. Two exercises per week during the year.

**POLITICAL ECONOMY.** This course includes a study of the general principles of political economy and their application to some of the leading questions of life. Text-book and supplementary readings. Text-book: *Walker: Political Economy*; Advanced course. Reference Books: *Marshall: Principles of Economics*, *Ely: Outline of Economics*, *Adam Smith: Wealth of Nations*, *Ricardo: Political Economy*; *Mill: Principles of Political Economy*; *Jevons: Money and Mechanism of Exchange*; *Dunbar: Chapters in Banking*; *Smart: Introduction to the Theory of Value*; *Adams: Taxation*; *Taussig: History of Tariff*; *Sumner: American Currency*; *Ely: Socialism*. Required of Seniors in all courses. Three exercises per week during Fall and Winter terms.

## THE ACADEMY.

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The Academy is under the immediate charge of the Principal and his Assistants. The College Faculty have general direction respecting the course of study and discipline.

### PREPARATION FOR COLLEGE.

The Academy provides thorough preparation for the Classical, Scientific and Literary courses of the College, and at the same time offers special opportunities for those desiring thorough training in the common English branches. All the facilities of the University in the way of libraries, lectures, etc., will be opened to such students, and it is believed that these privileges will be of peculiar value to those preparing to teach.

### REQUIREMENT FOR ADMISSION.

To enter either Academic course proper, the student must be able to pass a satisfactory examination in the English studies of the sub-preparatory year. For admission to advanced standing the student must give satisfactory evidence, by examination or approved certificate, that he has completed the work passed over by the class to be entered or its equivalent. It is desired and advised that students begin their studies at the opening of the Fall term, and enter one of the regular courses.

### REPORTS.

A record of the work of each student is kept, and at the

close of each term a report is sent to the parent or guardian.

#### EXAMINATIONS.

Examinations are held in each subject at the end of each term, and no student who fails to pass in more than one study is allowed to maintain his position in the class, unless such work is made up in one term.

#### CERTIFICATE.

Students who complete the work of the Academic courses receive a certificate admitting them to the corresponding courses in College.

For information concerning expenses, study hours, regulations, see pp. 11, 12-13.

## ACADEMY COURSES.

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### SUB-PREPARATORY YEAR.

Arithmetic,      Grammar,      Geography,      Reading,      Spelling.

### FIRST YEAR.

FALL—	Latin 5	Mental Arithmetic 5	Physiology or Book-keeping 5
WINTER—	Latin 5	English 5	U. S. History 5
SPRING—	Latin 5	English 5	U. S. History 5

### SECOND YEAR.

#### CLASSICAL.

FALL—	Cæsar 4, Algebra 5 Greek 4, English 2	Cæsar 4, Algebra 5 Physical Geography 4, English 2
WINTER—	Cæsar 4, Algebra 5 Greek 4, English 2	Cæsar 4, Algebra 5, Physics 4, English 2
SPRING—	Cicero 4, Algebra 5 Greek 4, English 2	Cicero 4, Algebra 5 Astronomy 4, English 2

#### SCIENTIFIC.

### THIRD YEAR.

FALL	—Cicero 4, Greek 4 Plane Geometry 4 Ancient History 3	Cicero 4, French 5 Plane Geometry 4 Ancient History 3
WINTER—	Vergil 4, Greek 4 Plane Geometry 4 Ancient History 3	Vergil 4, French 4 Plane Geometry 4 Ancient History 3
SPRING—	Vergil 4, Greek 4 Solid Geometry 4 Ancient History 3	Vergil 4, French 4 Solid Geometry 4 Ancient History 3

NOTE—Rhetorical work and Bible Study throughout both courses and Spelling when necessary.

In order that the work of the Academy may be seen more in detail, the following statement is added to the outline given above:

LATIN AND GREEK. The first year's work in Latin and Greek includes a thorough mastery of the forms and simpler constructions. The remaining time is devoted to reading three books of Cæsar, four orations of Cicero, four books of Vergil's *Æneid*, and three books of Xenophon's *Anabasis*, accompanied by more advanced work in Grammar and by Prose Composition. During the last two terms of the course, one hour a week is devoted to Roman Literature.

Text-books. *Scudær's First Latin Reader*; *Allen and Greenough*: Latin Grammar, Preparatory Course in Latin Prose, Any good edition of Vergil, *Goodwin*: Greek Grammar, *Goodwin*: Greek Selections, *White*: Greek Book for Beginners, *Botta*: Hand-book of Universal Literature.

FRENCH. The study of French extends throughout a year; For further information see p. 32.

MATHEMATICS. Three terms in the second year are given to the study of Algebra. The work of the first term is to Fractions; of the second, to Involution, and of the third, to Theory of Quadratics.

Plane and Solid Geometry extend through the third year. Considerable work is done in original propositions and problems, the amount depending somewhat upon the capability of the class.

Text-books. *Wells*: Academic Algebra, *Chauvenet*: Plane and Solid Geometry.

SCIENCE. Elementary courses are given in Physical Geography, Physiology, Physics and Astronomy.

Text books. *Hinman*: Eclectic Physical Geography, *Brands*: Academic Physiology, *Avery*: First Principles of Natural Philosophy, *Young*: Lessons in Astronomy.

ENGLISH. In the sub preparatory year of the Academy, three terms are given to the the study of English Grammar. This includes Etymology, Syntax and Analysis. For the three years of the Academy course, together with practical work in Composition, selections from the best American and English authors are studied.

Text-books. *Marsh*: Outline of Grammar, *Lockwood*: Lessons in English, *Newcomer*: English Composition, River-Side Series, *Longfellow*: *Evangeline*, *Courtship of Miles Standish*, *Whittier*: *Snowbound*, *Lowell*: *Vision of Sir Launfal*, *Bryant*: *Thanatopsis*, Selections from Sketch Book, *Scott*: *Lady of the Lake*, *Emerson*: *Self-Reliance*, *American Scholar*, *Compensation*, *Shakespeare*: *Merchant of Venice*.

HISTORY. United States History is studied during the second and third terms of the first year, and Greek and Roman History three times a week during the third year.

Text and reference books. *Sheldon Barnes*: Studies in American History, *Johnson*: U. S. History, *Montgomery*: Leading facts in American History, *Myers*: Ancient History, *Sheldon Barnes*: Greek and Roman History, and others.

BOOK-KEEPING is made optional with Physiology in the first term of the first year. It is given to meet the wants of pupils who need this study and at the same time wish a more thorough general course than can be secured at a business college.

Text-books. *Bryant and Stratton*: New Common School Book keeping.

COMMON ENGLISH BRANCHES. During the sub-preparatory year and the first term of the first year of the Academy courses thorough training is given in the common English branches, including Arithmetic, Mental Arithmetic, English Grammar, Descriptive Geography, Reading, Spelling, and Penmanship.

Text-books, *Fish*: Arithmetic No. 2, *Brooks*: Mental Arithmetic, *Monteith*: Comprehensive Geography, *Westlake*: 3,000 Test Words, *Watson*: Complete Speller, *Marsh*: Brief Outline of English Grammar, *Maxwell*: Introductory Lessons in Grammar, *McGuffey*: Sixth Reader.

BIBLE STUDY. The English Bible occupies a regular place in the curriculum of study, and one exercise a week is required of all students. The Old Testament is the subject of the first two years' study and the New Testament of that of the last two years.

## CONSERVATORY OF MUSIC.

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The Musical Department is under the same general management as the other departments, and is under the immediate charge of the Director of the School and assistant teachers. Non resident students are subjected to the same regulations as students of other departments.

The purpose of this school is to provide superior facilities for the study of music in its elementary and higher branches, practical and theoretical. The course of study is planned with regard to the thorough and symmetrical development of the musical faculty. It includes a thorough course in Harmony and Theory, including Counterpoint, Analysis and Music History, and provides for the acquirement of a high degree of proficiency in two of the following branches: Piano-forte, Singing and Organ. The time necessary for the completion of the course cannot be definitely given, as it depends on the age and previous training, ability and application of the pupil. Very few will be able to obtain the degree of proficiency required in less than four years.

### PIANO FORTE.

In the study of this instrument careful attention is given to the details of technique, and to the development of a correct musical touch, since this is of prime importance in giving intelligent interpretation to musical thought and feeling.

### VOICE CULTURE.

In this department especial attention is given to a nat-

ural and skillful management of the breath and the correct position of the vocal organs in the production of clear, full, resonant tones.

Flexibility and the art of phrasing are developed through the practice of scale and arpeggio passages and solfeggi. A refined musical taste is developed by the study of the best songs, ancient and modern: Ballads, Thoroughly Composed German Songs and selections from Oratoria and Opera.

#### THEORY OF MUSIC.

Students are strongly urged to begin the study of Theory as early in their course as is deemed advisable. The work may be outlined as follows:

**NOTATION.** The Theory of Rhythm and Tonality.

**HARMONY.** Principles of Four-part Composition, modulations and harmonic accompaniment to selected and original melodies.

**COUNTERPOINT.** Exercises in adding one, two, three or four voices in simple counterpoint to a given original *cantus firmus*.

#### HISTORY.

It is the aim in this course to study the outlines of musical progress from the time of the most ancient civilization to the present.

A course of supplementary reading in connection with this study is arranged for music students and programs illustrating the different periods and styles of musical composition are given by the teachers. Public recitals by the students are given monthly throughout the year. Private class recitals in which all pupils take part, occur as often as practicable.

#### DIPLOMAS

Diplomas are awarded by the Trustees of the University

to students who have satisfactorily completed the course in music.

A choral class for beginners will be formed, for which a nominal fee will be charged. Those sufficiently advanced will have an opportunity to join the choir or the Musical Union, where the highest order of sacred and secular music is used.

Pupils may make special arrangements with the Director for hours of piano practice.

Those who do not wish to purchase music may have access to the Music Library by the payment of a small fee.

#### TUITION AND OTHER EXPENSES.

Private Instrumental Lessons (piano or organ), per term of 24 lessons (one-half hour each) .....	\$15 00
Private Vocal Lessons, per term of 24 lessons (one-half hour each) .....	15 00
Class Lessons (two in a class) of three-quarters of an hour each .....	10 00
Harmony, per term .....	5 00
Rent of Piano, for two hours practice per day, per month .....	\$1 00-2 00
Rent of Music from Musical Library, per term, from .....	75c-1 50

## COLLEGE STUDENTS.

1895—1896.

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### GRADUATE STUDENTS.

Stewart, Horace D	-----	-----	Forest Grove.
Thomas, Dwight H	-----	-----	Forest Grove.

### SENIORS.

Bisbee, Ruel Martin	-----	S	Forest Grove.
Eells, Ida Myra	-----	C	Tacoma, Wn.
Lansing, Minnie Catherine	-----	C	Salem.
Macrum, John Wilson	-----	S	Forest Grove.
Stewart, Emma Estelle	-----	C	Forest Grove.

### JUNIORS.

Bauer, Philip Edward	-----	S	Tualatin.
Bradley, Charles Edward	-----	S	Greenville.
Marsh, Frederick Leonard	-----	C	Forest Grove.

### SOPHOMORES.

Hartley, Harvey Harley	-----	C	Greenville.
Hirota, Sann Ichiro	-----	S	Kochi, Japan.
Thomas, Arthur Henry	-----	S	Forest Grove.

### FRESHMEN.

Brown, Liberta	-----	C	Forest Grove.
Bursell, Lewis Isaae	-----	S	Silverton.
Garrison, Blanche Louise	-----	S	Forest Grove.
Gritzammer, Charles	-----	S	Portland.
Hartley, Clarence	-----	C	Greenville.
Haskell, George Lemuel	-----	S	Forest Grove.

NOTE—C, Classical. L, Literary. S, Scientific.

Kirkwood, Joseph Edward	C	Farmington.
Lieser, Minnie May	C	Vancouver, Wn.
Luce, Edward Condon	C	Hillsboro.
Luce, Mary	C	Hillsboro.
Miller, John	C	Forest Grove.
Myers, Katherine Stott	S	Forest Grove.
Parker, Lois West	C	Forest Grove.
Sorensen, Anna Martha	S	Forest Grove.

## SPECIAL STUDENTS.

Baber, Liverne Hayward		Forest Grove.
Dolph, Mrs. Chester V		Forest Grove.
James, Sara		Forest Grove.
Myers, Frank Stott		Forest Grove.
Roe, Anna Elizabeth		Forest Grove.

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## ACADEMY STUDENTS.

1895-1896.

## THIRD YEAR.

Adams, Frank Hardin	C	Spokane, Wn.
Ailey, Ghym Bordwell	C	Nehalem.
Brady, Alexander	C	Yaquina.
Clark, Mary	S	Forest Grove.
Crawford, Alexander	S	Castle Rock, Wn.
Dixon, Lawrence Owen	S	Forest Grove.
Edwards, Florence Belle	C	Forest Grove.
Ewing, Helen Jane	S	Fulton Park.
Fletcher, William Thomas	S	Gales Creek.
Garlington, Osa Clark	C	Hillsboro.
Gleason, Lorena	L	Forest Grove.
James, Helen Irene	S	Forest Grove.
Lancefield, Lynn	C	Forest Grove.
Lancefield, Jessie	C	Forest Grove.
Luelling, Fred Ward	S	Forest Grove.
McEllowney, Wilbur Wait	S	Amity.

Marsh, Winifred	S	Forest Grove.
Mason, Ella Lucille	S	Lexington.
Parman, Ethel	S	Condon.
Rands, Harold Alva	S	Oregon City.
Shiach, James Wesley	C	Northrup, Wn.
Schoch, Alfred Deihl	S	Forest Grove.
Sweek, Thaddeus	S	Portland.
Tongue, Thomas H	S	Hillsboro.
Walker, Elda	S	Forest Grove.
Walker, Leva	S	Forest Grove.
Whitlock, Edward Rutherford	S	Oregon City.

## SECOND YEAR.

Atkinson, Archibald Arand		Forest Grove.
Bills, Elphye Beatrice		Forest Grove.
Bills, Carlitos		Forest Grove.
Buxton, Philmore Henry		Buxton
Connell, John Wesley		Glencoe.
Dennis, Benjamin Franklin		Hillsboro.
Ennes, Samuel Jefferson		Hillsboro.
Garlington, Nellie		Hillsboro.
Hale, John Vite		Hillsboro.
Hinman, Frank		Forest Grove.
Joehnk, Clara Wilhemina		Oregon City.
Marsh, Gertrude Emily		Forest Grove.
Moore, Nathaniel Drummond		Three Forks, B C.
Moreland, Edna		Portland.
Newberry, James Thomas		Nehalem.
Newberry, Pearl Minnie		Nehalem.
North, Alfred Myron		Vernonia.
Robb, James		Forest Grove.
Walker, Jeremiah		Axford, Wn.
Walker, Sidney Elery		Hillsboro.
Wirtz, Robert Peter		Forest Grove.

## FIRST YEAR.

Bailey, Mary		Forest Grove.
Beauchamp, Frank Erastus		Forest Grove.
Bevier, Frank Ilda		Gates.
Caples, Ora Della		Forest Grove.

Carlson, Esther Josephine	McKee.
Case, Martin Leroy	Oregon City.
Cornelius, Frances Eolia	Cornelius.
Darling, Goldie Victoria	Condon.
Darling, Lucy Belle	Condon.
Downing, Dora	Condon.
Downing, Estella	Juliaetta, Idaho.
Funge, Alfred John	Astoria.
Garrison, Ellen Gertrude	Forest Grove.
Gates, Samuel Elverton	Hillsboro
Gault, William Henry	Hillsboro.
Geiger, Hugh	Forest Grove.
Hansen, Walter	Forest Grove.
Harris, Fred William	Forest Grove.
Hibbs, Jessie Leone	Forest Grove
Humphreys, Cecil Thomas	Hillsboro.
Jones, Samuel Buttle	Gaston.
Jonas, Trevelyan Albert	Forest Grove.
Koch, Otto Adolph	Hillsboro.
Kuhn, Robert Ray	Forest Grove.
Lancaster, James Hines	Goldendale, Wn.
Lee, Pearl	N.W. Whatcom, Wn
Lomasson, Lucy	Forest Grove.
Lomasson, Lawrence Winters	Forest Grove
Luce, Laura	Hillsboro.
Miller, Hugh Shaw	Forest Grove.
Milne, Elizabeth	Hillsboro.
Morgan, Bessie May	Forest Grove.
Morrison, James McCalmont	Monkland.
Parker, Samuel Stott	Forest Grove.
Parker, Lena Frances	Forest Grove.
Pollock, Lyle	Cornelius.
Pollock, Charles A	Cornelius.
Pratt, Rowena	Forest Grove.
Rowe, Paul Bryant	Forest Grove.
Ruetter, Elsie Matilda	Forest Grove.
Russell, Eleanor	Forest Grove.
Russell, George William	Gaston.
Scholfield, Harriet Eva	Cornelius
Sorensen, Fanny	Forest Grove.

Tongue, Elizabeth Emily	Hillsboro.
Traver, Jesse Franklin	Forest Grove.
Trenner, Willis	Glenwood, Wn.
Turpen, William	Empire.
Venen, Lola	Forest Grove.
Wilkinson, Nannie Beatrice	Oregon City.
Wilson, George W	Portland.
Worsham, Virginia Victoria	North Powder.
Young, Daniel Andrew	Astoria.
Young, Julius Anton	Astoria.

## SUB-PREPARATORY.

Bateman, Nina Esther	Gales Creek.
Bates, Sara	Gaston.
Beauchamp, Clarence Albert	Forest Grove.
Caples, Arthur B	Forest Grove.
Chalmers, Anna Catherine	Centreville.
Downs, Arthur Lee	Forest Grove.
Fanno, Helen Augusta	Beaverton.
Gates, James Perry	Forest Grove.
Gordon, Frank Selden	Forest Grove.
James, George	Forest Grove.
Kreider, Henry Earl	Forest Grove.
Leinenweber, Hiram Brown	Astoria.
Lindahl, Eva Marie	Astoria.
McHaffie, Blanche	Condon.
McNamer, Conrad W	Forest Grove.
Maury, Marion Maurice	Dilley.
Myers, Norman Joseph	Blalock.
Noble, Flora J	Forest Grove.
Parman, George Williamson	Condon.
Rueter, Ernest Adolph	Forest Grove.
Rueter, Frieda	Forest Grove.
Russell, Minnie Charlotte	Gaston.
Russell, Charles Addison	Gaston.
Salme, Mary	Deep River, Wn.
Schoch, Andrew Clarence	Forest Grove.
Schofield, Clara Adelle	Forest Grove.
Scott, Ruth	La Fayette.
Sengstacken, Henry Alton	Marshfield.

Shearer, Ottice	-----	Greenville.
Smalley, Edgar Andrew	-----	Oneida, Wn.
Staub, Alfred Ernest	-----	Portland.
Stewart, Maud	-----	Dayville.
Watters, Mildred Melinda	-----	Forest Grove.
Wilber, Julius Benjamin	-----	Astoria.
Wilson, Maude	-----	Gales Creek.
Willson, Eddie	-----	Gales Creek.
Zinns, Georgiana	-----	Portland.

## SPECIAL STUDENTS.

Abbott, Mayne James.	-----	Forest Grove.
Barber, William Homan	-----	Wilsonville.
Clark, Nettie Leone	-----	Forest Grove
Clement, Fred	-----	Portland.
Crang, Edwin James	-----	Forest Grove.
Eells, Arthur Heman	-----	Union City, Wn.
Evans, Bessie Ruth	-----	Oswego.
Fiallett, Claude	-----	Forest Grove.

## STUDENTS IN CONSERVATORY OF MUSIC.

1895—1896.

## INSTRUMENTAL.

Atwell, Mrs. Homer Charles	-----	Forest Grove.
Baber, Josephine	-----	Forest Grove.
Bailey, Blanche	-----	Forest Grove.
Fanno, Helen Augusta	-----	Beaverton.
Garrison, Blanche Louise	-----	Forest Grove.
Graham, Charlotte Dot.	-----	Forest Grove.
Hansen, Florence	-----	Forest Grove.
Hibbs, Jessie Leone	-----	Forest Grove.
James, Sara	-----	Forest Grove.
Marsh, Gertrude Emily	-----	Forest Grove.
McHaffie, Blanche	-----	Condon.
Morgan, Ethel	-----	Hillsboro.
Myers, Grace	-----	Forest Grove.

Newell, Gladys Ethel	-----	Nehalem.
Ransom, Edyth	-----	Forest Grove.
Roe, Anna Elizabeth	-----	Forest Grove.
Russell, Eleanor	-----	Forest Grove.
Scott, Ruth	-----	Lafayette.
Watters, Mildred Melinda	-----	Forest Grove.
Young, Julius Anton	-----	Astoria.
Zinns, Georgiana	-----	Portland.

## VOCAL.

Baber, Liverne	-----	Forest Grove.
Bauer, Philip Edward	-----	Tualatin.
Bryan, Adeline E	-----	Hillsboro.
Dolph, Mrs. Chester V	-----	Forest Grove.
Garrison, Blanche Louise	-----	Forest Grove.
Grimes, Mrs. L. B	-----	Forest Grove
James, Meredith	-----	Forest Grove.
James, Sara	-----	Forest Grove.
James, Helen Irene	-----	Forest Grove.
Lloyd, Francis Ernest	-----	Forest Grove.
Lloyd, Mrs Francis Ernest	-----	Forest Grove.
Merryman, Ethel	-----	Hillsboro.
Morgan, Ethel	-----	Hillsboro.
Newell, Gladys Ethel	-----	Nehalem.
Parker, Lois West	-----	Forest Grove.
Russell, Eleanor	-----	Forest Grove.
Scott, Ruth	-----	Lafayette.
Stewart, Emma Estelle	-----	Forest Grove.
Tongue, Marie	-----	Hillsboro.
Tongue, Bertha Rebecca	-----	Hillsboro.
Tongue, Elizabeth Emily	-----	Hillsboro.
Warren, Minnie	-----	Hillsboro.
Warren, Zula	-----	Hillsboro.
Wells, Mrs Laura	-----	Hillsboro.

## HARMONY.

Atwell, Mrs. Homer Charles	-----	Forest Grove.
Graham, Charlotte Dot	-----	Forest Grove.
Newell, Gladys Ethel	-----	Nehalem.

Roe, Anna Elizabeth-----	Forest Grove.
Russell, Elear or-----	Forest Grove.
Scott, Ruth-----	Lafayette.
Wells, Mrs. Laura-----	Forest Grove.

## SUMMARY OF STUDENTS.

College -----	32
Academy -----	147
Conservatory of Music -----	53
Total -----	232
Deduct number counted more than once-----	32
Total number of different students for the Academic Year 1895-1896-----	200

THE  
ASSOCIATE ALUMNI.

---

OFFICERS OF THE ASSOCIATE ALUMNI.

1896—1897.

---

PRESIDENT,

MR. LEVI C. WALKER ----- Forest Grove, Or.

VICE-PRESIDENT,

MR. JOHN T. WHALLEY ----- Portland, Or.

SECRETARY AND TREASURER,

MRS. T. H. ADAMS ----- Kalama, Wn.

## ALUMNI.

---

1863

Harvey W. Scott, A. M., Editor in Chief Oregonian ----- Portland

1866

Geo. H. Durham, A. M., Attorney at Law ----- Portland.  
Myron Eells, D. D., Congregational Clergyman-Union City, Wn.  
Edward B. Watson, A. M., Attorney at Law ----- Portland.

1867

John Q. A. Bowlby, A. M., Attorney at Law ----- Astoria.  
J. Elkanah Walker, A. M., Missionary A. B. C.  
F. M. ----- Foochow, China.  
David Raffety, B. S., M. D., Physician ----- Portland.

1868

Charles. C. Hall, A. M., Farmer ----- Portland.  
Thomas H. Tongue, A. M., M. C. Fifty-fifth  
Congress ----- Hillsboro.

1869

Jacob Hoover, A. M., Banker ----- Spokane, Wn.  
Raleigh Stott, A. M., Attorney at Law ----- Portland.

1870

Frank L. Stott, A. B. obit 1873 ----- Gaston.  
Addison A. Lindsley, A. B. ----- Olympia, Wn.  
Georgiana (Brown) Bowlby, M. S. ----- Astoria.  
Phœbe Irene (Clarke) Davis, M. S. ----- Portland.  
Candace A. (Neal) Luce, M. S. ----- Hillsboro.

1872

Henry B. Luce, A. B., State Food Commis-  
sioner ----- Hillsboro.

1873

Levi C. Walker, A. M., Surveyor ----- Forest Grove.  
William R. Bilyeu, B. S., Attorney at Law ----- Albany.  
W. D. Lyman, A., M., Prof. of History and of  
the English Language and Literature,  
Whitman College ----- Walla Walla, Wn.  
Mary (Godell) Burt, M. S ----- Drain.  
Sarah I. Lyman, M. S ----- Portland.

1874

Eugene P. McCornack, A. B , Banker ----- Salem.  
Herbert F. McCornack, A. B., M. D ----- Eugene.  
Willard H. Latourette, B. S., Baptist General  
Missionary ----- Oakland, Cal.  
Jacob G. Stevenson, B. S., Co. School Supt ----- Eugene.  
Dora (Henshaw) Morgan, M. S ----- Black Diamond, Wn.

1875

Hattie (Martin) Vestal, B. S ----- Snohomish, Wn.  
S. Belle (Putman) Walker, M. S ----- Forest Grove.

1876

Edward M. Atkinson, A. B , Attorney at Law -Portland.  
Hatstara Tamura, A. M., Prof. of English Lan-  
guage and Literature, College of Kioto--Kicto, Japan.  
James T. Martin, B. S., (M. D., Univ. Mich.  
1883) ----- Woodland, Cal.  
Yei Nosea, A. M , obit 1895 ----- Tokio, Japan.  
Kin Saito, B. S., (LL. B., Univ. Mich. 1871)  
Chief Justice of the Court of Hokkaido--Hakodate, Japan.  
Ella (Watt) Jackson, M. S ----- Pullman, Wn.

1877

William K. Curtis, B. S , Farmer----- Forest Grove.  
Charles W. Schaff, B. S., M. D ----- Lewiston, Idaho.  
Tabitha A. (Clark) Eberts, M. S ----- Vancouver, Wn.

1878

- Laura M. (Hoxter) Whalley, A. B. ---- Portland.  
 DeWitt Clinton Latourette, A. M., Attorney at  
     Law ----- Oregon City.  
 Horace S. Lyman, A. M., Congregational Cler-  
     gyman and Co. School Supt ----- Astoria  
 Ella (Scott) Latourette, A. M. --- Oregon City  
 Milton W. Smith, A. M., Attorney at Law --- Portland  
 Mary A. (Cresswell) Eagen, M. S. --- Penlleton  
 Mary S. Eaton, M. S. obit 1882 ----- Oswego  
 Elvia H. Farnsile, obit 1879 ----- Forest Grove  
 Mary J. (Lyman) McCoy, M. S. ----- Portland  
 Samuel R. Stott, B. S., Attorney at Law --- Portland.

1879

- Wm. N. Barrett, B. S., Attorney at Law ----- Hillsboro.  
 Frank M. Beckwith, B. S., Merchant ----- Mayview, Wn.

1880

- Newton McCoy, A. B., Attorney at Law ----- Portland

1881

- George W. Coplen, A. B. ----- Latah, Wn.  
 John T. Whalley, A. M., Attorney at Law --- Portland.  
 J. Alfred Watt, B. S., (M. D. Univ. of Mich.)  
     Physician ----- Portland.

1882

- Mitchell Gilliam, A. B., Attorney at Law. --- Seattle, Wn.  
 Barnett Y. Roe, A. B., Farmer ----- Gaston.  
 Mary Virginia Keene, M. S. ----- Salem

1883

- Napoleon Davis, A. M., Attorney at Law ---- Portland.  
 Adelaide (Poppleton) Harding, A. B. ----- Portland.  
 Anna Jackson, M. S., Teacher --- Portland.

1884

- Joseph Beek, A. B. ----- Portland.

## 1885

Marion C. Adams, A. B., Nurseryman -----Sunset, Wn.  
 Margaret J. (Macrum) Byrd, M. S. -----Salem.  
 Silas M Shipley, B. S., (LL. B., Univ. Oregon,  
 1888) Attorney at Law -----Seattle, Wn.

## 1886

James R. Marsh, A. B., Farmer -----Molalla.  
 J. Wheelock Marsh, A. B. Postmaster -----Forest Grove.  
 Laura (Marsh) Cadwell, M. S. -----Olala, Hawaii.

## 1887

William D. Wood, A. B., (M. D., Univ. Mich.  
 1890) Physician-----Hillsboro.  
 Callie (Campbell) Montgomery, M. S. -----Grant's Pass.  
 Mary Gray, M. S., obit 1890-----Portland.  
 Ethel Gray, M. S. -----Portland.  
 Nellie (Woods) Adams, M. S. -----Kalama, Wn.  
 J. C. Clark, B. S. -----Portland.

## 1888

Estella S. Porter, A. B., obit 1889.-----Forest Grove.  
 Fred N. Hallett, B. S., Banker -----Juliaetta, Idaho.  
 Frank Hinman, B. S., Merchant -----Ellensburg, Wn.  
 William P. Marsh, B. S., A. B., U. Vt., 1895  
     with Estey & Camp-----Chicago, Ill.  
 John U. Smith, B. S., (LL. B., Univ. Oregon  
 1890) Attorney at Law-----Portland

## 1889

Mattie E. (Koontz) Smith, B. S. -----Portland.  
 Sidney E. Marsh, A. B., Journalist, obit 1890.-----Port Townsend, Wn.  
 Clay McNamee, B. S., Attorney at Law-----Moscow, Idaho.

## 1890

William S. Macrum, A. B., Bank Collector---Portland.  
 Gustaf Walter Nelson, A. B., Congregational  
     Clergyman-----Port Angeles, Wn.  
 Mary Ellen Lee, M. S. -----New Whatcom, Wn.  
 Alexander C. Alexander, B. S. -----Portland.  
 Lafayette Lincoln Bush, B. S. -----Bay Center, Wn

1891

Wm. A. Bates, B. S., Book-keeper-----	Lafayette.
Margaret Hinman, B. L-----	Forest Grove.
John S. Hodgin, B. S-----	
John A. Lee, A. B., Teacher-----	New Whatcom, Wn.
Mary E. (Patton) Snider, A. B-----	Soquel, Cal.
Asa B. Snider, B. S., Congregational Clergyman	Soquel, Cal.

1892

Wm. A. Bond, B. S-----	
Jesse R. Caples, B. S., Attorney at Law-----	Portland.
Ernest E. Merges, B. L., Attorney at Law-----	Portland.
Edward L. Naylor, B. L., Real Estate-----	Forest Grove.
Pem Patton, B. S., Farmer-----	Gaston.

1893

E. Austin Bond, A. B-----	
Nancy B. (Morrison) Thomas, B. L-----	Forest Grove.
Horace D. Stewart, A. B., Bank Cashier-----	Forest Grove.
Loring V. Stewart, A. B. Law Student-----	New Haven, Conn.
Dwight H. Thomas, B. S., Teacher -----	Forest Grove.
Edith L. (Tongue) Reames, B. L-----	Portland.

1894

Thomas Hays Adams, A. B., County School Superintendent-----	Kalama, Wn.
Austin Craig, B. L., Editor and County School Superintendent -----	Forest Grove.
Fred Ross Smith, A. B., Editor-----	Kalama, Wn.

1895

Florence McKereher, A. B.... -----	Portland.
William S. Shiach, A. B., Teacher, -----	Weiser, Idaho.

1895

Ruel M. Bisbee, B. S., Bank Clerk-----	Forest Grove.
Ida M. Eells, A. B-----	Tacoma, Wn.
M. Catherine Lansing, A. B. -----	Salem.
John W. Macrum, B. S -----	Cottage Grove.
Emma E. Stewart, A. B.. -----	Forest Grove.

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REGISTER  
OF  
TUALATIN ACADEMY  
AND  
PACIFIC UNIVERSITY

1896-1897

WITH ANNOUNCEMENTS FOR

1897-1898.

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FOREST GROVE, OREGON.

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PORLTAND, OREGON:  
C. L. HAYNES & CO., Printers, 110 Second Street.  
1897.

1897

**SEPTEMBER**

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1898

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**MAY**

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**SEPTEMBER**

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## CALENDAR.

1897

Sept.	15, Wednesday	The Fall Term begins at 10 A. M.
Sept.	17, Friday.....	College Reception.
Oct.	13, Wednesday	Founders' Day.
Nov.	25, Thursday..	} Thanksgiving Recess.
Nov.	26, Friday.....	
Dec.	23, Thursday..	The Fall Term ends.
Dec.	24, Friday.....	} Christmas Recess.
Jan.	3, Monday.....	

1898

Jan.	4, Tuesday....	The Winter Term begins at 10 A. M.
Jan.	7, Friday.....	College Reception.
Jan.	27, Thursday...	Day of Prayer for Colleges.
Feb.	22, Tuesday....	Washington's Birthday and Tree Planting Exercises.
March 25,	Friday.....	The Winter Term ends.
March 26,	Saturday..	} Spring Recess.
March 29,	Tuesday...	
March 30,	Wednesday	The Spring Term begins at 10 A. M.
April	1, Friday.....	College Reception.
May	20, Friday....	Field Day.
June	11, Saturday...	Anniversary of the Conservatory of Music.
June	12, Sunday....	Baccalaureate Sermon. Address before the College Christian Associations.
June	13, Monday....	Address before the Literary Societies.
June	14, Tuesday....	Closing Exercises of Tualatin Academy. Annual Meeting of the Alumni.
June	15, Wednesday	Commencement Exercises.
Sept.	14, Wednesday	The Fall Term begins at 10 A. M.

## TRUSTEES.

---

PRES. THOMAS McCLELLAND, D. D., ex-officio,	Forest Grove.
A. T. GILBERT.....	term expires 1898, Portland.
HON. H. H. NORTHUP.....	" 1898, Portland.
HON. R. P. BOISE, LL. D.,	" 1899, Salem.
REV. CEPHAS F. CLAPP ..	" 1899, Forest Grove.
L. H. ANDREWS.....	" 1900, Oregon City.
HON. H. W. CORBETT... .	" 1900, Portland.
HON. A. HINMAN.....	" 1901, Forest Grove.
HON. HENRY FAILING....	" 1901, Portland.
F. M. WARREN.....	" 1901, Portland.
MILTON W. SMITH, A. M.,	" 1902, Portland.
NEWTON McCOY, A. B....	" 1902, Portland.
NAPOLEON DAVIS, A. M.,	" 1903, Portland.
REV. MYRON EELLS, D. D.,	" 1903, Union City, Wn.

---

## FINANCE COMMITTEE.

---

HON. HENRY FAILING.  
PRES. T. McCLELLAND.  
MILTON W. SMITH.  
NAPOLEON DAVIS.  
HON. H. H. NORTHUP.

---

## OFFICERS OF THE BOARD.

---

HON. A. HINMAN.....	PRESIDENT.
NAPOLEON DAVIS.....	SECRETARY.
REV. MYRON EELLS, D. D.....	ASSISTANT SECRETARY.
HON. HENRY FAILING.....	TREASURER.
PROF. W. N. FERRIN.....	FINANCIAL SECRETARY.

## FACULTY AND INSTRUCTORS.

---

REV. THOMAS McCLELLAND, D. D., PRESIDENT,  
*Professor of Mental and Moral Philosophy.*

JOSEPH WALKER MARSH, PH. D.,  
*Professor of Greek and Latin, and Librarian.*

WILLIAM NELSON FERRIN, A. M.,  
*Professor of Mathematics.*

\*THEODORE WHITELSEY, PH. D.,  
*Professor of Chemistry and Physics.*

\*FRANCIS ERNEST LLOYD, A. M.,  
*Professor of Biology.*

†ALBERT RADDIN SWEETSER, A. M.,  
*Professor of Biology and Chemistry.*

JAMES ROOD ROBERTSON, A. M.,  
*Professor of History, Economics and Civics, and Registrar.*

\*MARGARET BEST, A. B.,  
*Principal of the Woman's Department and Instructor in English.*

†MARY J. FARNHAM,  
(Graduate of Mt. Holyoke Seminary.)  
*Principal of the Woman's Department and Instructor in English Literature and Rhetoric.*

REV. HENRY LIBERTY BATES, A. M.,  
*Principal of the Academy.*

†MARTHA SCRIVEN EVANS,  
(Graduate of Curry's School of Expression, Boston.)  
*Instructor in Vocal Expression and Physical Culture.*

HOMER CHARLES ATWELL,  
*Instructor in Greek and Latin.*

FANNIE CONDON,  
*Instructor in English Language and Literature.*

MRS. FRANK R. COOK,  
*Director of the Conservatory of Music and Instructor in Piano-forte, Organ and Theory.*

MRS. WALTER REED,  
*Instructor in Vocal Music.*

OLIVIA A. HASKELL,  
*Matron Herrick Hall.*

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\*Until close of Spring Term 1896-'97.

†Appointed to begin Fall Term 1897-'98.

## GENERAL INFORMATION.

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### AIMS.

Tualatin Academy was founded in 1848, and Pacific University in 1853, in order to make it possible for the young people of the Pacific Northwest to obtain a thorough education under Christian influences. As it is not dependent for its support upon the tuition paid by its students, and consequently the mere number of students in attendance is not regarded as all-important, the faculty is enabled to maintain thorough standards of scholarship in all grades of study and to offer unusual advantages for advanced work.

### LOCATION.

The College is located at Forest Grove, Oregon, a beautiful and growing town of 1,500 inhabitants. It is situated on the Southern Pacific Railroad, West Side, twenty-six miles from Portland, and is easily reached by two trains daily from either direction.

The College has been the chief factor in building up the town. No drinking saloons are permitted. Its beautiful location and well-deserved reputation for general good order, make Forest Grove a home for students, remarkably free from the temptations and dangers often surrounding school life.

### BUILDINGS.

The buildings are situated on an ample campus of thirty acres, covered in part with a growth of native

oaks and spruce, and commanding a fine view of the surrounding mountains.

**MARSH MEMORIAL HALL.** This building, raised in commemoration of Ex-President Sidney Harper Marsh, is large and finely constructed of brick with stone trimmings. The dimensions are 142x70 feet: There are thirteen recitation rooms, a reception room, office, literary society and Christian Association rooms, art room and library. There is also a commodious chapel, which, when thrown open into the adjoining rooms, will seat comfortably 1,000 people.

The building is well lighted and ventilated and is heated throughout by hot water.

**SCIENCE HALL.** A substantial two-story building, formerly used for library and recitation purposes, is now used as a biological and chemical laboratory.

**HERRICK HALL.** By recent action of the trustees, the building formerly known as Ladies' Hall has been named Herrick Hall in honor of Rev. John R. Herrick, D. D., president from 1880 to 1883. This large four-story building, conveniently arranged, furnishes excellent accommodations for young women to room and board, and also affords table board for a number of young men.

The different floors are supplied with water, and a bathroom with hot and cold water is provided. The laundry in the basement furnishes young women, who so choose, an opportunity to do their own washing.

Each suite of rooms, consisting of study and sleeping room with large closet, is adapted to two occupants.

The rooms are heated and furnished with carpet, study-table, stand, mirrors, chairs, woven-wire bed with mattress, lamps, and toilet set. Occupants will be expected to provide themselves with towels, napkins and necessary bedding.

The hall is conducted so as to afford a well regulated Christian home for young women coming from out of town.

**MEN'S DORMITORY.** Young men may obtain comfortable rooms at the Men's Dormitory. These rooms are supplied with woven-wire bed, washstand, table, chairs and stove. Occupants are expected to provide all other necessary furnishings, including mattress and bedding. The rates for the present year will be found under the head of "Expenses."

**GYMNASIUM.** The gymnasium affords opportunity for athletic exercises, and is open to students under proper restrictions.

#### APPARATUS AND COLLECTIONS.

The Chemical Laboratory is well supplied with apparatus and chemicals needed in the courses in General and Analytical Chemistry. The rooms are supplied with desks and tables with appropriate fixtures, water and gas, balances, and a set of assaying apparatus.

The Mathematical Department is supplied with a valuable set of engineering instruments.

A good series of specimens, partly from Europe, illustrates the origin of the various kinds of rock. A fair collection of fossils serves to show the sequence of geo-

logical times and their fauna and flora. An excellent series of ores and other minerals is also accessible to the students for investigation.

An herbarium of over 2,000 species (mostly from this region) belonging to the College, constitutes the collection of plants accessible for study.

By the courtesy of Dr. J. R. Cardwell, president of the Oregon State Horticultural Commission, the World's Fair exhibit, consisting of 480 species of Oregon plants, mounted in swinging frames on artistic pillars of Oregon oak, has been deposited in the Botanical Laboratory.

Contributions to the library and collections are solicited, and may be sent to any member of the Faculty.

A station of the State Weather Bureau is established at the University, and students have an opportunity to become familiar with the use of the standard instruments of the Government Signal Service. Daily readings of the various instruments are taken under the direction of a member of the Faculty, and a complete record is kept. The weather forecasts, issued by the Government, are received by telegraph daily, and displayed by the University.

#### LIBRARY AND READING ROOM.

The College Library now numbers about 8,000 volumes, and is open to all students daily. These volumes are classified for ready reference, and in some of the more important departments of knowledge the Library is full.

This Library has been made, through the kindness of Hon. T. H. Tongue, a public depository of government publications, which are available for reference to the public free of charge. The general library may be used by alumni of the College for a fee of \$3.00 per year, and by others for \$5.00 per year.

The reading room, which is supplied with a well-selected list of leading magazines and periodicals, including religious and secular newspapers of different denominations and parties, is open to all students.

#### LIBRARY AND READING ROOM.

During the year 1896-1897 lectures or addresses were given by Professor Robertson, Hon. I. A. Macrum, Rabbi Jacob Bloch, LL. D., Professor Louis E. Stanton, of Boston, and Rev. A. W. Ackerman.

A course of lectures will be provided for the coming year.

#### LITERARY SOCIETIES.

There are two student Societies in the institution—the Gamma Sigma for men, and the Philomathean for women. Membership in them is voluntary. They meet weekly and are the means of developing and fostering literary excellence. Essays, orations and discussions are presented, and a familiarity with parliamentary rules is gained. Suitable rooms have been provided for the Societies in Marsh Memorial Hall.

#### PHYSICAL TRAINING.

The gymnasium will be thrown open free to all stu-

dents during certain hours daily. Permits, however, must be obtained from the officer in charge.

Exercise in the open air and athletic sports are encouraged, and spacious grounds on the College campus afford excellent opportunities for this kind of physical culture.

A thorough course of instruction in physical training and gymnastics for the young ladies has been provided for the coming year.

#### REGULATIONS.

The institution does not desire the attendance of any students who are not industrious and well disposed, or who are too wayward for home restraint. To such as are earnest, it affords the advantages of a quiet and orderly community with all the opportunities of study and mental improvement afforded by an institution on a firm foundation. A careful record of attendance, deportment and scholarship is kept, and reports are sent to the parents of all minor students at the end of each term. Any who are idle or listless, or whose influence is bad, are not allowed to remain in the school.

The immediate control in all matters pertaining to the conduct of students is in the hands of the Faculty. It is their desire to lay no unnecessary restrictions upon any. Students are presumed to have regard for the general rules of good manners, and good morals; they are expected to be orderly, faithful, respectful and honest, and to render a cheerful compliance with such regulations and requirements as the Faculty may, from time to time, find it necessary to make.

Non-resident students in special departments are subject to the general rules of the institution.

Students are not allowed to room at a hotel or public boarding house, except by special permission of the Faculty. In selecting or changing rooms, students must consult the presiding officer of the department in which they are registered, and young women residing elsewhere than at Herrick Hall will be under the supervision of the mistress of the house where they room.

Permission for absence from recitations or from town must be obtained in advance, whenever possible, from the head of the department in which the student is registered.

Profanity, the use of intoxicating drinks, gambling, visiting of billiard halls and saloons, attending dancing parties during term-time, and the use of tobacco on or about the College premises are forbidden.

Students in any department of the institution may not receive calls or visits at their rooms from persons of the opposite sex, except from members of their own families.

In order to insure the time necessary for the preparation of lessons and to encourage methodical habits, an observance of the following study hours is required.

*Study Hours*, except on Saturday and Sunday, are from 8:45 A. M. to 12 M., from 1 to 4 P. M. and from 7:30 to 9 P. M. After May 1, and on Saturdays throughout the year, from 8 to 9 P. M. During these hours, and after 9 P. M. students are expected to be in their rooms unless at school exercises or especially excused.

## WOMEN'S DEPARTMENT.

The Woman's Department is not a separate school, but young women are admitted to all courses of study on equal terms with young men, and so far as they are pursuing the same studies, they recite together. The young women of the institution are under the supervision of the principal of the Woman's Department.

## RELIGIOUS EXERCISES.

The institution aims to give to its students a thorough education, and it believes that the highest intellectual culture and the greatest moral excellence can be obtained only as they are developed from the principles of Christianity. To this end, some special religious exercises are requisite. Accordingly, all students are required to attend daily prayers at the chapel, and church services on Sunday morning. The churches of the town represent the following denominations: Congregational, Disciples and Methodist. Each student attends the church of his choice, but must select and attend some one church regularly. Bible study occupies a place throughout the curriculum.

Branches of the College Young Men's and Young Women's Christian Associations are maintained by the students, and prayer-meetings occur every Tuesday evening, to which all the students are invited. The work of these societies is very helpful in determining the Christian character of the Institution. Through the generosity of Senator H. W. Corbett and other friends, a room in Marsh Hall has been suitably furnished for the use of the Christian societies.

## EXPENSES.

Tuition and other expenses are made as low as possible so as to bring a thorough education within the reach of all.

Tuition must be paid in advance each term, and charges for rooms and board in College buildings in advance at the beginning of each half term, to the Financial Secretary.

College Tuition, per term.....\$15 00

Academy Tuition, per term..... 10 00

Each student pays an incidental fee of one dollar per term.

The charge for one study (five hours per week) is one-half the regular rate of tuition. For more than one study full rates are charged.

No money paid in for tuition is refunded to students who leave before the close of the term, except in cases in which they are excused before the middle of the term on account of their own sickness, in which event the tuition for the latter half of the term will be paid back.

Each student is required to exhibit to his various instructors, during the first week of each term, the Treasurer's receipt for his term bills or a certificate showing that satisfactory adjustment of them has been made.

## BOARD AND ROOMS.

HERRICK HALL. The price of room-rent and board, including heat and light, is, for the present, from \$3 00 to \$4 00 per week, according to location and furnishing of rooms. Table board for young men, \$2 50.

MEN'S DORMITORY. The price of room-rent is 20 cents per week for each occupant, exclusive of lights and fuel. The rooms are arranged for two occupants. Good board will be furnished on the club plan at actual cost, which, during the past year has averaged about \$1 25 per week. A similar boarding club for young women will be organized at the opening of the Fall term.

Rooms and board may be obtained in private families in the town.

The College desires to encourage self-supporting students and such are enrolled every year. Assistance is rendered students in obtaining employment in the town, and those who desire to aid themselves in this way can generally find the opportunity. As a rule, no capable young man or woman possessed of good health and a determination to secure a college education, need fail in the attempt.

Through a bequest of \$10,000 by Mr. Charles Atkinson, of Moline, Ill., the Atkinson Scholarship Fund has been established. There is also a Benedict Scholarship Fund of over \$2,000. The income received from these funds is applied to assist worthy students, whose circumstances require it. Any one who indulges in the use of tobacco or who has any other expensive habit will be debarred from such aid. Application for aid must be made each term to the President. Sons and daughters of missionaries in actual service are admitted upon payment of one-half tuition.

The educational societies assist those in College who are preparing for the Christian ministry.

#### CORPORATE NAME.

The corporate name of this institution is, "The President and Trustees of Tualatin Academy and Pacific University."

THE COLLEGE.

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## TERMS OF ADMISSION.

Candidates for admission must be at least fifteen years of age. A proportionate increase in age is required to enter advanced classes.

*For the Course Leading to the Degree of Bachelor of Arts.*

1. In English:—Each candidate will be expected to criticise, analyse and parse specimens of English given at the time of examination. The candidate will be required to write a short English composition, correct in spelling, punctuation, grammar, idiom and division into paragraphs, and plain and natural in style, on a subject announced at the time of examination. Subjects will be selected from the following works:

Longfellow's Evangeline and Courtship of Miles Standish, Whittier's Snowbound, Lowell's Vision of Sir Launfal, Bryant's Thanatopsis, Irving's Sketch Book, Scott's Lady of the Lake, Emerson's Essays on Self-Reliance, American Scholar and Compensation, Shakespeare's Merchant of Venice, or equivalents.

2. In Greek:—(a) Grammar, Goodwin's or Crosby's.  
(b) Translation of simple English sentences into Greek.  
(c) Xenophon's Anabasis, three books, or equivalent.  
(d) Translation at sight of passages from easy Greek prose.
3. In Latin:—(a) Grammar, Allen & Greenough's, Harkness' or Bennett's.  
(b) Translation of easy sentences into Latin prose.  
(c) Caesar's Gallic War, three books, or equivalent.  
(d) Four orations of Cicero, or equivalent.  
(e) Vergil's Aeneid, four books, or equivalent.  
(f) Translation at sight of passages from easy Latin prose.

4. In Mathematics:—(a) Arithmetic, including the metric system.  
(b) Algebra, through quadratic equations.  
(c) Plane and Solid Geometry.
5. In History:—(a) U. S. History, leading facts.  
(b) History of Greece, leading facts.  
(c) History of Rome, leading facts.  
(d) Outline of Greek and Roman Mythology.
6. In Geography:—(a) Modern.  
(b) Outline of Ancient.

*For the Courses Leading to the Degrees of Bachelor of Science and Bachelor of Literature.*

In English, Latin and Mathematics the requirements are the same as for the courses leading to the Degree of Bachelor of Arts. Candidates for admission to this course need not offer Greek, in place of which they will be examined in the following subjects:

1. In French:—(a) Some proficiency in pronunciation.  
(b) Keetels' French Grammar.  
(c) Télémaque, a play of Racine, Poètes du XIXme Siècle.  
(d) Some acquaintance with the history of the literature.
2. In Elementary Science:—(a) Astronomy.  
(b) Physics.  
(c) Physiology.  
(d) Physical Geography.

#### ENTRANCE BY CERTIFICATE.

Students who have pursued a course of study equivalent to one of those prescribed in Tualatin Academy, may, by special vote of the Faculty, be admitted to Pacific University on the certificate of the preparatory schools. Schools which desire to have their students thus admitted are requested to send to the Secretary of the Faculty their courses of study. All certificates should, if possible, be sent before Commencement.

If the preparation of the student who is admitted by certificate is found to be wanting in thoroughness the privilege of sending students in this manner may be withdrawn from the school that has certified his preparation.

## COURSES OF STUDY.

1. Candidates for the degree of Bachelor of Arts, after pursuing a required course in Greek, Latin, Mathematics, History, English and the introductory study of the Sciences through the Freshman and Sophomore years, are allowed to elect a certain number of their studies. Certain studies are still required of all alike through the course, and each student is required so to choose from the electives as to bring his total work up to a prescribed number of exercises per week. The subjects are offered in most cases in such a way as to furnish continuous courses of study in each department. For list see pp. 23-24.

2. Candidates for the degree of Bachelor of Science will pursue the same courses, required and elective, as candidates for the degree of Bachelor of Arts, except that the place of Greek will be taken by Analytical Geometry, Calculus, and advanced work in Chemistry and Biology.

3. The course leading to the degree of Bachelor of Literature is a shorter course designed for women who do not wish to pursue the study of Greek, Higher Mathematics, or advanced Science. The other required work and the elective courses are the same as for the degree of Bachelor of Arts, except that music may be substituted for part of the elective work.

### SPECIAL STUDENTS.

In the arrangement of the courses, the established fact is recognized that fixed schemes of study must be maintained in the interest of higher education, and students are strongly advised and encouraged to enter the regular courses.

All the privileges of the University, however, are open to students pursuing partial courses, as far as they are prepared to take advantage of them. Such special students in any course or department, not candidates for a degree, will be entitled to certificates of proficiency in the branches of study pursued.

#### DEGREES.

The degree of Bachelor of Arts is conferred upon the graduates of the Classical Course; that of Bachelor of Science upon the graduates of the Scientific Course; that of Bachelor of Letters upon graduates of the Literary Course. There is a charge of \$5.00 for Diploma.

Any Bachelor of Arts may receive the degree of Master of Arts in course after three years of continuous interest and work in any of the higher professions, evidence of which must be furnished the Trustees by presenting either a written thesis or a public oration before receiving the degree. The subject of the thesis or oration must accompany the application, which must be made to the President.

#### TEACHERS' CERTIFICATE.

In accordance with the law approved February 20, 1891, the State Board of Education has determined that any person receiving a literary degree, in course, from this institution shall be entitled to receive a State Diploma after having passed an approved examination in the following branches: Book-keeping, Composition, Physical Geography, Algebra, English Literature, Oregon School Law, General History and Theory and Practice of Teaching. This examination will be held under the direction of a member of the Faculty at the end of each college year. A State Life Diploma will be granted to such holders of State Diplomas after six years of successful teaching.

## OUTLINE OF COURSES.

## FRESHMAN YEAR.

## FIRST TERM.

CLASSICAL COURSE.	SCIENTIFIC COURSE.	LITERARY COURSE.
Livy 4*	Livy 4	Livy 4
Algebra 5	Algebra 5	Algebra 5
Herodotus 5	History 3	History 3
Rhetoric 1	English Literature 2	English Literature 2
	Rhetoric 1	Rhetoric 1

## SECOND TERM.

Tacitus 4	Tacitus 4	Tacitus 4
Trigonometry 5	Trigonometry 5	Trigonometry 5
Homer 5	History 3	History 3
Rhetoric 1	English Literature 2	English Literature 2
	Rhetoric 1	Rhetoric 1

## THIRD TERM.

Horace 5	Horace 5	Horace 5
Engineering or American Lit. 5	Engineering 5	American Lit. 5
Thucydides 5	History 3	History 3
Rhetoric 1	English Literature 2	English Literature 2
	Rhetoric 1	Rhetoric 1

## SOPHOMORE YEAR.

## FIRST TERM.

Biology 5	Biology 5	Biology 5
Sophocles 5	German 5	German 5
History 3	Analytical	Elective 5
English Literature 2	Geometry 5	

\*The numerals indicate the number of exercises per week in each subject.

## SECOND TERM.

CLASSICAL COURSE.	SCIENTIFIC COURSE.	LITERARY COURSE.
Biology and Chemistry 5	Biology and Chemistry 5	Biology and Chemistry 5
Terence and Quintilian 5	Calculus 5	German 5
English Literature 2	German 5	Elective 5
History 3		

## THIRD TERM.

General Chemistry 5	General Chemistry 5	General Chemistry 5
Plato 3	German 5	German 5
Botany 2	Calculus 3	Elective 5
History 3	Botany 2	
English Literature 2		

## JUNIOR YEAR.

## FIRST TERM.

Mechanics 5	Mechanics 5	Political Economy 3
German 5	Chemistry II	Logic 4
Elective 5	or Biology I 5	Psychology 3
	Elective 5	Elective 5

## SECOND TERM.

Physics 5	Physics 5	Political Economy 3
German 5	Chemistry II and	Psychology 3
Elective 5	III or Biology II 5	Evidences 4
	Elective 5	Elective 5

## THIRD TERM.

Astronomy 5	Astronomy 5	Ethics 5
German 5	Chemistry III	Geology 5
Elective 5	or Biology II 5	Elective 5
	Elective 5	

## SENIOR YEAR.

## FIRST TERM.

## CLASSICAL COURSE.

Political Economy 3  
 Logic 4  
 Psychology 3  
 Elective 5

## SCIENTIFIC COURSE.

Political Economy 3  
 Logic 4  
 Psychology 3  
 Elective 5

## SECOND TERM.

Political Economy 3  
 Psychology 3  
 Evidences 4  
 Elective 5

Political Economy 3  
 Psychology 3  
 Evidences 4  
 Elective 5

## THIRD TERM.

Ethics 5  
 Geology 5  
 Elective 5

Ethics 5  
 Geology 5  
 Elective 5

Note—Bible Study, and Essays or Orations will be required throughout each course.

## ELECTIVES.

Students in the last two years in College are required to elect from the following courses so as to bring their total work up to fifteen exercises per week. A detailed description of the courses will be found under the respective departments on the following pages:

Latin, 2; Greek, 3; French, 3; English Literature, 2; History, 3; Civil Government, 2; Mathematics, 10; Chemistry (Junior), 5; Chemistry (Senior), 2; Biology (Junior), 5; Biology (Senior), 3; Psychology (Spring term), 3; Philosophy (Spring term), 2.

It is assumed that the choice of electives will be made by the students with reference to some clear, deliberate plan and as a result of consultation with the President. In all cases the natural sequence of studies must be observed. The Faculty reserves the right to exclude a student from any elective for which his previous studies have not prepared him. It is gen-

erally desirable that subjects be elected to run through the entire year. Electing by terms, however, will for the present be allowed to a limited extent; but in every case an elective course extending over more than a term must be pursued for the full time.

The Faculty reserves the right to withdraw any elective, if it be not chosen by a sufficient number of students to constitute a class.

An exercise generally occupies an hour, except in the case of Analytical Chemistry and Biology, when it occupies from two to three hours in the Laboratory. The course in French, although coming four times per week, will count as a three hour elective.

Music may be substituted for Elective work in the literary course, in amount and under conditions to be prescribed by the Faculty.

## DEPARTMENTS AND METHODS OF INSTRUCTION.

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### PHILOSOPHY.

PRESIDENT McCLELLAND.

**PSYCHOLOGY.** The principles of this subject are taught by means of text-books and lectures. Essays are required upon appointed themes, and a course of selected reading is marked out and required. *James:* Psychology. Senior required course. Three hours per week during the Fall and Winter terms.

**PHYSIOLOGICAL PSYCHOLOGY.** More particular attention is paid in this course to mental phenomena from the experimental and physiological point of view than is possible in the prescribed course. Ladd's Outlines of Physiological Psychology will be made the basis of this work, the Elements of Physiological Psychology, by the same author, being used as a book of reference. Senior elective course. Three hours per week during the Spring term.

**PHILOSOPHY.** This course consists of reading and discussions on special topics relating to the development of the philosophy of Europe during the seventeenth century. Senior elective course. Two hours per week during the Spring term.

**EVIDENCES OF CHRISTIANITY.** This subject is taught by text-books, due consideration being paid to the current phases of thought. *Wright:* Logic of Christian Evidences. *Fisher:* Manual of Christian Evidences.

Senior required course. Four hours per week during the Winter term.

**ETHICS.** In this course the text-book is supplemented by class discussions on the practical application of the principles established to the conduct of life.

*Hopkins:* Law of Love and Love as a Law. *Fairchild:* Moral Philosophy. Senior required course. Five hours per week during the Spring term.

**LOGIC.** Jevons' Logic as recast by Hill is the text-book used in this course. Frequent exercises in argumentation and the application of the principles of the science are assigned to the class. Special stress is laid upon the practical work done as the surest means of furnishing aid to the student in learning to think. Senior required course. Four hours per week during the Fall term.

## LATIN AND GREEK.

PROFESSOR MARSH.

**LIVY.** Book XXI. Besides the history of the period special attention is here paid to Roman antiquities. Freshman required course. Four hours per week during the Fall term.

**TACITUS.** Germania and Agricola. Freshman required course. Four hours per week during the Winter term.

**HORACE.** Selected Odes and Satires, *Ars Poetica*. Particular attention is paid to the style of Horace; and selections from other Latin poets are read for the sake of comparison. A few metrical translations are also required. Freshman required course. Five hours per week during the Spring term.

**TERENCE.** *Andria*. Required for Sophomores in the classical course. Five hours per week for six weeks of the Winter term.

**QUINTILIAN.** Selections from *De Institutione Oratoria* are read, which present some of the leading principles of Rhetoric. Required for Sophomores in the Classical course. Five hours per week for six weeks of the Winter term.

**CICERO.** *De Amicitia*, *De Officiis*, *De Oratore*. Elective course. Two hours per week throughout the year.

**GREEK AND LATIN TESTAMENTS.** One hour per week throughout the College course, those in the Classical course reading in Wescott's and Hort's Greek Testament, and those in the other courses using the Latin. The use of the two languages in the same class affords an opportunity for comparative study to students in all courses. In the Freshman and Sophomore years selections from the Gospels and the Acts are read; in the Junior and Senior years from the Epistles.

**HERODOTUS.** Selections from Goodwin's Greek Reader. In connection with this course there is given a thorough grammatical review. The study of Greek literature is taken up as outlined in Botta's Universal Literature. Required for Freshmen in the Classical course. Five hours per week during the Fall term.

**HOMER.** Two or more books of the Iliad. Required course for Freshmen in the Classical course. Five hours per week during the Winter term.

**THUCYDIDES.** Selections. Required for Freshmen in the Classical course. Five hours per week during the Spring term.

**SOPHOCLES.** Antigone. The study of the Greek drama is taken up by lectures and collateral readings. Required for Sophomores in the Classical course. Five hours per week during the Fall term.

**PLATO.** *Apology* and *Crito*. Required for Sopho-

mores in the Classical course. Three hours per week during the Spring term.

**PLATO II.** A further study of Plato's writings and of Greek Philosophy than is possible in the required course is undertaken in this course, which is elective for Juniors and Seniors. Three hours per week during the Winter term.

**ÆSCHYLUS.** Prometheus Bound. Elective for Juniors and Seniors. Three hours per week during the Fall term.

**DEMOSTHENES.** De Corona. Elective for Juniors and Seniors. Three hours per week during the Spring term.

#### PURE AND APPLIED MATHEMATICS.

PROFESSOR FERRIN.

**HIGHER ALGEBRA.** Beginning with a rapid review of Quadratics, the work in this subject is carried as far as the capacity of the class will permit. Freshman required course. Five hours per week during the Fall term.

**TRIGONOMETRY, PLANE AND SPHERICAL.** Due attention is paid in this course to the practical applications of Trigonometry in Plane Surveying, Navigation and Astronomy. Freshman required course. Five hours per week during the Winter term.

**ENGINEERING.** This course consists largely of field work and is designed to teach the practical use of the various engineering instruments. Practice is had in measuring and computing farm areas with the compass and chain; in the use of the Level instrument in determining the contour lines of some of the streets of the town; in the use of the Engineer's Transit in laying out railroad curves, etc. Attention is given also to the plotting of areas and lines. Required for Fresh-

men in the Scientific course. Optional with American Literature for Freshmen in the Classical course. Five exercises per week during the Spring term.

**ANALYTICAL GEOMETRY.** Required for Sophomores in the Scientific course. Elective for other students. Five hours per week during the first half year.

**CALCULUS.** The infinitesimal method is used in the treatment of this subject. Required for Sophomores in the Scientific course. Elective for other students. Five hours per week in the Winter term and three hours per week during the Spring term. Advanced elective work is also offered for Junior Scientific students.

**MECHANICS.** *Olmsted*: Revised College Philosophy. Junior required course. Five hours per week during the Fall term.

**PHYSICS.** This course consists of a mathematical treatment of the different branches of Physics, the work being supplemented by lectures and the use of illustrative apparatus. *Olmsted*: Revised College Philosophy. Junior required course. Five hours per week during the Winter term.

**ASTRONOMY.** Special attention is given to establishing the mathematical principles of the science and to teaching the methods of computation in most general use in practical Astronomy. *Olmsted*: Revised College Astronomy. Junior required course. Five hours per week during the Spring term.

## CHEMISTRY.

**I. GENERAL CHEMISTRY.** (a) Lectures on Inorganic Chemistry. Colloquium twice a week.

(b) Laboratory Course—A study of the principles of chemistry, as exemplified by the non-metallic elements and their compounds. Reference books: *Freer*: Inorganic General Chemistry; *Remsen*: Inorganic Chemistry. Three exercises per week (9 hours.) Fee,

\$2.00. Sophomore required course. Last half year. Five credits.

II. INORGANIC CHEMISTRY. A continuation of course I. (a). Lectures on the metals and their compounds, and on the application of chemistry to the arts and industries. Twice a week during the Fall and Winter terms. Optional with Biology for Juniors in the Scientific course. Elective for other students.

III. QUALITATIVE ANALYSIS. Laboratory course. After an experimental study of the reactions of the more common metals and acids, single and mixed substances are presented to the student for identification, a gradual advance being made from simple to complex substances. Reference books: *Harris, Thorpe & Muir, Menschutkin, Fresenius*. Three exercises per week (9 hours) Fall and Winter terms. Fee \$5.00 per term. Optional with Biology for Scientific students, Elective for others.

IV. QUANTITATIVE ANALYSIS. Laboratory course. A study of typical gravimetric and volumetric analysis. Reference books: *Thorpe, Classen, Sutton, Cl. Winkler, Fresenius, Mears*. Two exercises (6 hours) throughout the year. Fee \$5.00 per term. Senior Elective.

V. ORGANIC CHEMISTRY. Lectures on the structural and synthetical relations of the compounds of Carbon. Reference books: *Bernthsen: Richter: Meyers & Jacobsen*. Four times per week. Colloquium once per week. Spring term. Optional with Biology for Juniors in Scientific course. Elective for others.

VI. ORGANIC CHEMISTRY. Laboratory course. Preparation of organic compounds. Reference books: *Levy: Gatterman*: Three exercises (9 hours) per week throughout the year. Must accompany or be preceded by course V. Elective.

Note. Laboratory courses III. and IV. will be so arranged that the student may earn two, three, or five credits per term, according to the time spent in the laboratory, one credit being given for a laboratory period of three hours.

### BIOLOGY AND GEOLOGY.

I. GENERAL BIOLOGY. Introductory course; lectures; laboratory work and colloquium. *Sedgewick & Wilson*: General Biology. Sophomore required. First half year. Five hours.

II. Structure and classification of flowering plants. An herbarium of one hundred and fifty species—fifty during the Spring term and one hundred during the Summer following—is collected. *Macloskie*: Botany. Sophomore required. Second half year. Seven hours.

III. Comparative anatomy of types of plant groups; plant physiology. First half year. Three hours. Junior Scientific required. Classical elective.

IV. Reproduction and embryology of plants; experimental plant physiology; economic relations. Senior elective. Spring term. Three hours.

V. Comparative anatomy of types of Invertebrates and Vertebrates. Physiology. Junior Scientific required. Classical elective. Second half year. Three hours.

VI. Vertebrate Embryology. Senior elective. Winter term. Three hours.

Note. The foregoing outline of work in Chemistry and Biology is subject to modification in its detail at the discretion of the Professor in charge.

GEOLOGY. Senior required course. Spring term. Five hours. Field work and study of fossils in the laboratory. Lectures and discussions.

## ENGLISH LANGUAGE AND LITERATURE.

It is the object of this work to bring the student in touch with the best works of the English author, and to give him facility in the use of the language. The courses are conducted by means of lectures, direct readings of authors and special papers on assigned topics. Reference books: *Stopford Brooke*: English Literature Primer; *Gosse*; English Literature; *Ward*: English Poets; *Schlegel*: Dramatic Literature; *Minto*: Manual of English Prose Literature; *Minto*: English Poets ; *Hale*: Longer English Poems ; *Johnson*: Lives of the Poets ( edited by Matthew Arnold ) ; *Spenser*: Faery Queen ; *Chaucer*: Prologue (Clarendon Press) ; Hudson's edition of Shakespeare; Rolfe's edition of Shakespeare.

**RHETORIC.** (a) Work upon special topics will be assigned. In the classroom drill will be had in the writing of descriptions, narratives and sketches. A study of selections from the best English and American authors will accompany this work. Text-books: *Genung*: Rhetoric and Hand-book of Rhetorical Analysis. Freshman required course. One exercise per week throughout the year.

(b) The subject for Rhetorical work in the Sophomore year will be the Essay, in the Junior year, Argumentation, and in the Senior year, the Oration. One exercise each term is required.

**OUTLINE OF ENGLISH LITERATURE.** Required for Sophomores in the Classical course and Freshmen in the other courses. Two exercises per week during the Fall term.

**ENGLISH PROSE WRITERS.** Required for Sophomores in the Classical course and Freshmen in other courses. Two exercises per week during the Winter term.

ENGLISH POETS AND POETRY. Required for Sophomores in the Classical course and Freshmen in other courses. Two exercises per week during the Spring term.

AMERICAN LITERATURE. This course will include a brief survey of the literature of the eighteenth and nineteenth centuries, together with selected reading from the best American poets and prose writers. Freshman course, required for students in the Literary course, optional with Engineering for students in the Classical course. Five exercises per week during the Spring term.

DEVELOPMENT OF THE DRAMA. In this course the study of Shakespeare occupies a large portion of the time. Elective course. Two exercises per week during the Fall term.

CHAUCER, SPENSER AND MILTON. Elective course. Two exercises per week during the Winter term.

VOCAL EXPRESSION. This course will include instruction in vocal expression and voice training by a graduate of Curry's School of Expression, Boston.

### MODERN LANGUAGES.

PROFESSOR MARSH.

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#### FRENCH.

French is taught as a required study through the third year of the Scientific and Literary Course in the Academy, and is elective in the Junior year of the classical course. The order of study pursued will be as follows:

*Keetels*: Grammar; *Fenelon*: *Télémaque*; *Racine*: *Andromaque*; Poètes du XIXme Siècle.

The history of French literature will also be studied in outline.

GERMAN.

*Whitney*: Brief German Grammar. *Grimm*: Kinder-und-Hausmärchen. *Anderson*: Märchen (sight reading.) Selections from German Lyrics. *Seidel*: Die Monate. Herr Omnia. Required for Juniors in the Classical course and Sophomores in the Scientific course. Five hours per week throughout the year.

HISTORY, ECONOMICS AND CIVICS.

PROFESSOR ROBERTSON.

GENERAL HISTORY. This course includes the leading facts and movements from the fall of the Roman Empire to the present time. Text-book, lectures and supplementary reading. Required for Sophomores in Classical and Freshmen in Scientific course. Text-book: *Myers*: Mediaeval and Modern History. Reference books: *Emerton*: Introduction to Middle Ages; *Emerton*: Mediaeval History; *Adams*: Civilization during the Middle Ages; *Henderson*: Documents of Mediaeval History; *Lodge*: Modern Europe; *Hausser*: Period of the Reformation; *Fyffe*: Modern Europe; *Mueller*: Political History of Recent Times; *Schilling*: Documents of Modern History. Three exercises per week during the year.

POLITICAL HISTORY OF THE UNITED STATES. This course includes a study of the political history of the United States, from the formation of the Union to the present time. Text-book, lectures and supplementary reading. Text-book: *Johnson*: American Politics. Reference books: *Hart*: Formation of the Union; *Fiske*: Critical Period of American History; *Schouler*: American History; *Von Holtz*: Constitu-

tional History of the United States; *Wilson*: Disunion and Reconstruction; *Wilson*: History of Slavery; American Statesman Series: Annals of Congress. Elective for Juniors and Seniors in all courses. Three exercises per week during the year.

CIVIL GOVERNMENT. This course includes a study of general principles of government and a comparative study of their application in the national, local and municipal institutions of Greece, Rome, Germany, France, England and the United States. Text-book and supplementary reading. Text-book: *Wilson*: The State; Reference books: *Burgess*: Political Science and Constitutional Law, *Macy's English Constitution*. Elective for Juniors and Seniors in all courses. Two exercises per week during the year.

POLITICAL ECONOMY. This course includes a study of the general principles of political economy and their application to some of the leading questions of life. Text-book and supplementary readings. Text-book: *Walker*: Political economy; Advanced course. Reference Books: *Marshal*: Principles of Economics; *Ely*: Outline of Economics; *Adams Smith*: Wealth of Nations; *Ricardo*: Political Economy; *Mill*: Principles of Political Economy; *Jevons*: Money and Mechanism of Exchange; *Dunbar*: Chapters in Banking; *Smart*: Introduction to the Theory of Value; *Adams*: Taxation; *Taussig*: History of Tariff; *Sumner*: American Currency; *Ely*: Socialism. Required of Seniors in all courses. Three exercises per week during the Fall and Winter terms.

## THE ACADEMY.

The Academy is under the immediate charge of the Principal and his Assistants. The College Faculty have general direction respecting the course of study and discipline.

### PREPARATION FOR COLLEGE.

The Academy provides thorough preparation for the Classical, Scientific and Literary courses of the College, and at the same time offers special opportunities for those desiring thorough training in the common English branches. All the facilities of the University in the way of libraries, lectures, etc., will be opened to such students, and it is believed that these privileges will be of peculiar value to those preparing to teach.

### REQUIREMENT FOR ADMISSION.

To enter either Academic course proper, the student must be able to pass a satisfactory examination in the English studies of the sub-preparatory year. For admission to advanced standing the student must give satisfactory evidence, by examination or approved certificate that he has completed the work passed over by the class to be entered or its equivalent. It is desired and advised that students begin their studies at the opening of the Fall term, and enter one of the regular courses.

### REPORTS.

A record of the work of each student is kept, and at the close of each term a report is sent to the parent or guardian.

### EXAMINATIONS.

Examinations are held in each subject at the end of

each term, and no student who fails to pass in more than one study is allowed to maintain his position in the class, unless such work is made up in one term.

CERTIFICATE.

Students who complete the work of the Academic courses receive a certificate admitting them to corresponding courses in college.

For information concerning expenses, study and regulations, see pp. 38, 39, 40 and 41.

## ACADEMY COURSES.

## SUB-PREPARATORY YEAR.

Arithmetic,	Grammar,	Geography,	Reading,	Spelling
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## FIRST YEAR.

Fall —Latin 5	Mental Arithmetic 5	Physiology or Book-keeping 5
Winter—Latin 5	English 5	U. S. History 5
Spring —Latin 5	English 5	U. S. History 5

## SECOND YEAR.

	CLASSICAL.	SCIENTIFIC AND LITERARY.
Fall —Caesar 4, Algebra 5	Caesar 4, Algebra 5	
Greek 4, English 2		Physical Geography 4, English 2
Winter—Caesar 4, Algebra 5	Caesar 4, Algebra 5	
Greek 4, English 2		Physics 4, English 2
Spring —Cicero 4, Algebra 5	Cicero 4, Algebra 5	
Greek 4, English 2		Astronomy 4, English 2

## THIRD YEAR.

Fall —Cicero 4, Greek 4	Cicero 4, French 4
Plane Geometry 4	Plane Geometry 4
Ancient History 3	Ancient History 3
Winter—Vergil 4, Greek 4	Vergil 4, French 4
Plane Geometry 4	Plane Geometry 4
Ancient History 3	Ancient History 3
Spring —Vergil 4, Greek 4	Vergil 4, French 4
Solid Geometry 4	Solid Geometry 4
Ancient History 3	Ancient History 3

Note—Rhetorical work and Bible Study throughout both courses and Spelling when necessary.

In order that the work of the Academy may be seen more in detail, the following statement is added to the outline given above:

**LATIN AND GREEK.** The first year's work in Latin and Greek includes a thorough mastery of the forms and simpler constructions. The remaining time is devoted to reading three books of Caesar, four orations of Cicero, four books of Vergil's Aeneid, and three books of Xenophon's Anabasis, accompanied by more advanced work in Grammar and Prose Composition. During the last two terms of the course, one hour a week is devoted to Greek and Roman Literature.

**Text-books.** *Scudder's First Latin Reader*; *Bennett's Latin Grammar*; *Allen & Greenough*: Latin Grammar, Preparatory Course in Latin Prose; any good edition of Vergil; *Goodwin*: Greek Grammar; *White*: First Greek Book; *Botta*: Handbook of Universal Literature.

**FRENCH.** The study of French extends throughout a year; for further information see p. 33.

**MATHEMATICS.** Three terms in the second year are given to the study of Algebra. The work of the first term is to fractions; of the second, to involution; and of the third, to theory of quadratics.

Plane and Solid Geometry extend through the third year. Considerable work is done in original propositions and problems, the amount depending somewhat upon the capability of the class.

**Text-books:** *Wells*: Academic Algebra; *Chauvenet*: Plane and Solid Geometry.

**SCIENCE.** Elementary courses are given in Physical Geography, Physiology, Physics and Astronomy.

**Text-books:** *Hinman*: Eclectic Physical Geography;

*Martin*: Human Body; *Avery*: First Principles of Natural Philosophy; *Young*: Lessons in Astronomy.

ENGLISH. In the sub-preparatory year of the Academy, three terms are given to the study of English Grammar. This includes Etymology, Syntax and Analysis. For the three years of the Academy course, together with practical work in Composition, selections from the best American and English authors are studied.

Text-books. *Marsh*: Outline of Grammar; *Lockwood*: Lessons in English; Riverside Series; *Longfellow*: Evangeline, Courtship of Miles Standish; *Whittier*: Snowbound; *Lowell*: Vision of Sir Launfal; *Bryant*: Thanatopsis; *Irving*: Selections from Sketch Book; *Scott*: Lady of the Lake; *Emerson*, Self - Reliance, American Scholar, Compensation; *Shakespeare*: Merchant of Venice.

HISTORY. United States History is studied during the second and third terms of the first year, and Greek and Roman History three times a week during the third year.

Text-books: *Montgomery*: Leading Facts in American History; *Myers*: Ancient History.

BOOK - KEEPING is made optional with Physiology in the first term of the first year. It is given to meet the wants of pupils who need this study, and at the same time wish a more thorough general course than can be secured at a business college.

Text-book: *Bryant and Stratton*: New Common School Book-keeping.

COMMON ENGLISH BRANCHES. During the sub-preparatory year and the first term of the first year of the Academy courses thorough training is given in the common English branches, including Arithmetic,

Mental Arithmetic, English Grammar, Descriptive Geography, Reading, Spelling and Penmanship.

Text-books: *Fish*: Arithmetic No. 2; *Brooks*: Mental Arithmetic; *Frye*: Complete Geography; *West-lake*: 3,000 test words; *Watson*: Complete Speller; *Marsh*: Brief Outline of English Grammar; *Maxwell*: Introductory Lessons in Grammar; *McGuffey*: Sixth Reader.

**BIBLE STUDY.** The English Bible occupies a regular place in the curriculum of study, and one exercise a week is required of all students. The Old Testament is the subject of the first two years' study and the New Testament of that of the last two years.

## CONSERVATORY OF MUSIC.

The Musical Department is under the same general management as the other departments, and is under the immediate charge of the Director of the School and assistant teachers. Non-resident students are subject to the same regulations as the students of other departments.

The purpose of this school is to provide superior facilities for the study of music in its elementary and higher branches, practical and theoretical. The course of study is planned with regard to the thorough and symmetrical development of the musical faculty. It includes a thorough course in Harmony and Theory, including Counterpoint, Analysis and Music History, and provides for the acquirement of a high degree of proficiency in two of the following branches: Piano-forte, Singing and Organ. The time necessary for the completion of the course cannot be definitely given, as it depends on the age and previous training, ability and application of the pupil. Very few will be able to attain the degree of proficiency required in less than four years.

### PIANO-FORTE.

In the study of this instrument careful attention is given to the details of technique, and to the development of a correct musical touch, since this is of prime importance in giving intelligent interpretation to musical thought and feeling.

### VOICE CULTURE.

In this department special attention is given to a natural and skillful management of the breath and the

correct position of the vocal organs in the production of clear, full, resonant tones.

Flexibility and the art of phrasing are developed through the practice of scale and arpeggio passages and solfeggi. A refined musical taste is developed by the study of the best songs, ancient and modern; Ballads, Thoroughly Composed German Songs and selections from Oratorio and Opera.

#### THEORY OF MUSIC.

Students are strongly urged to begin the study of Theory as early in their courses as is deemed advisable. The work may be outlined as follows:

NOTATION. The Theory of Rhythm and Tonality.

HARMONY. Principles of Four-part Composition, modulations and harmonic accompaniment to select and original melodies.

COUNTERPOINT. Exercises in adding one, two, three or four voices in simple counterpoint to a given original *cantus firmus*.

#### HISTORY.

It is the aim in this course to study the outlines of musical progress from the time of the most ancient civilization to the present.

A course of supplementary reading in connection with this study is arranged for music students and programs illustrating the different periods and styles of musical composition are given by the teachers. Public recitals by the students are given monthly throughout the year. Private class recitals, in which all pupils take part, occur as often as practicable.

#### DIPLOMAS.

Diplomas are awarded by the Trustees of the Uni-

versity to students who have satisfactorily completed the course in music.

A choral class for beginners will be formed, for which a nominal fee will be charged. Those sufficiently advanced will have an opportunity to join the choir or the Musical Union, where the highest order of sacred and secular music is used.

Pupils may make special arrangements with the Directors for hours of piano practice.

Those who do not wish to purchase music may have access to the Music Library by the payment of a small fee.

#### TUITION AND OTHER EXPENSES.

Private Instrumental Lessons (piano or organ) per term of 24 lessons (one-half hour each)....	\$15 00
Private Vocal Lessons, per term of 24 lessons (one-half hour each).....	15 00
Class Lessons (two in a class) of three-quarters of an hour each.....	10 00
Harmony, per term.....	5 00
Rent of Piano, for two hours' practice per day, per month.....	\$1 00—2 00
Rent of Music from Music Library, per term, from.....	75c—I 50

## COLLEGE STUDENTS.

1896-1897.

## GRADUATE STUDENTS.

Naylor, Edward L., B. L.—Mathematics.....	Forest Grove
Stewart, Horace D., A. B.—Chemistry.....	Forest Grove

## SENIORS.

Bauer, Philip Edward.....	S.....	Tualatin
Bradley, Charles Edward.....	S.....	Greenville
Hartley, Harvey Harley.....	C.....	Greenville

## JUNIORS.

Gleason, Lorena.....	L.....	Forest Grove
Kirkwood, Joseph Edward.....	C.....	Farmington
Marsh, Frederick Leonard.....	C.....	Forest Grove
Miller, John.....	C.....	Forest Grove

## SOPHOMORES.

Brown, Liberta.....	C.....	Forest Grove
Garrison, Blanche Louise.....	L.....	Forest Grove
Haskell, George Lemuel.....	S.....	Forest Grove
Lieser, Minnie May.....	C.....	Vancouver, Wash.
Parker, Lois West.....	C.....	Forest Grove

## FRESHMEN.

Fletcher, William Thomas.....	S.....	Gales Creek
Garlington, Osa Clark.....	C.....	Hillsboro
Hartley, Clarence.....	C.....	Greenville
Lancefield, Lynn.....	S.....	Forest Grove
Lancefield, Jessie.....	C.....	Forest Grove
Luelling, Fred Ward.....	S.....	Forest Grove
Marsh, Winifred.....	S.....	Forest Grove
Rands, Harold Alva.....	S.....	Oregon City
Schoch, Alfred Deihl.....	S.....	Forest Grove

Sweek, Thaddeus.....	S.....	Portland
Tongue, Thomas H., Jr.....	S.....	Hillsboro
Wilkinson, Tacy.....	L.....	Oregon City

## SPECIAL STUDENTS.

Atwell, Mrs. Homer Charles.....	Forest Grove
Baber, Liverne Hayward.....	Forest Grove
Cook, Mrs. F. R.....	Forest Grove
Gleason, Myrtle.....	Forest Grove
Myers, Frank Stott.....	Forest Grove
Pfluger, Lavelle .....	Portland

## ACADEMY STUDENTS.

1896-1897.

## THIRD YEAR.

Alley, Ghym Bordwell.....	C.....	Nehalem
Atkinson, Archibald Anand.....	C.....	Forest Grove
Bills, Carlitos.....	S.....	Portland
Buxton, Philmore Henry.....	S.....	Buxton
Dennis, Benjamin Franklin.....	C.....	Forest Grove
Ebert, Harvey Gustave.....	S.....	Vancouver, Wash.
Hinman, Frank.....	C.....	Forest Grove
Holt, Edward C.....	C.....	Portland
Marsh, Gertrude Emily.....	C.....	Forest Grove
Mason, Ella Lucile.....	S.....	Lexington
North, Alfred Myron.....	S.....	Vernonia
Parman, Anna Ethelyne.....	S.....	Condon
Shiach, James Wesley.....	C.....	Northup, Wash.
Thorp, Bessie Mabel.....	S.....	Forest Grove
Walker, Jeremiah.....	C.....	Axford, Wash.
Walker, Sidney Elery.....	S.....	Hillsboro

## SECOND YEAR.

Bailey, Mary.....	Forest Grove
Beauchamp, Frank Erastus.....	Salem

Caples, Ora Della.....	Forest Grove
Cornelius, Frances Eolia.....	Cornelius
Gates, Samuel Elverton.....	Hillsboro
Geiger, Hugh.....	Forest Grove
Graham, Charlotte Dot.....	Forest Grove
Hallett, Claude F.....	Forest Grove
Harris, Fred William.....	Forest Grove
Hibbs, Jessie Leone.....	Gaston
Hinman, Mabel.....	Forest Grove
Humphreys, Cecil Thomas.....	Hillsboro
Koch, Otto Adolph.....	Hillsboro
Lommasson, Lawrence Winters.....	Forest Grove
Luce, Laura .....	Hillsboro
Miller, Hugh Shaw.....	Forest Grove
Morrison, James McCalmont.....	Monkland
Pratt, Rowena.....	Forest Grove
Pratt, Ross Hanna.....	Forest Grove
Russell, Eleanor.....	Forest Grove
Schofield, Harriet Eva.....	Cornelius
Sorensen, Fanny.....	Forest Grove
Tongue, Elizabeth Emily.....	Hillsboro
Trenner, Willis H.....	Glenwood, Wash.
Turpen, William .....	Empire
Wirtz, Robert P.....	Forest Grove
Yoder, Jennie Lydia.....	Needy
Yoder, Arthur Elias.....	Needy
Young, Julius Anton.....	Astoria

## FIRST YEAR.

Barker, Edwin.....	Glenwood, Wash.
Beauchamp, Clarence Albert.....	Salem
Brownell, Howard Mitchell.....	Oregon City
Cline, Thomas Downing.....	Hillsboro
Crandall, Jesse Owen.....	Hillsboro
Dimick, Walter A.....	Hubbard
Evans, Bessie Ruth.....	Oswego
Garrison, Ellen Gertrude.....	Astoria
Funge, Alfred John.....	Forest Grove
Gavey, Walter .....	Ontario, Wash.

Huckabay, Elbert Shearer.....	Goldendale, Wash.
James, George.....	Forest Grove
James, Marion B.....	Forest Grove
Johnson, George Stafford.....	Roseburg
Jones, Trevelyan Albert.....	Forest Grove
King, Edward Lorenzo.....	Ontario
Kuhn, Robert Ray.....	Forest Grove
Lommasson, Marshall Titman.....	Forest Grove
McClaughey, Charles Robinson.....	Forest Grove
McHaffie, Blanche .....	Condon
Macrum, Garfield Howard.....	Forest Grove
Miller, James Livingstone.....	Forest Grove
Millis, Harold Burr.....	Huntington
Palmer, Clarence.....	Bridal Veil
Patton, Joseph Jesse.....	Forest Grove
Porter, Lillie Maud.....	Forest Grove
Parman, George Williamson.....	Condon
Redman, Eva Josephine.....	Forest Grove
Scott, Ruth .....	Lafayette
Shearer, Ottice .....	Greenville
Starr, Stanley Asbury.....	Forest Grove
Stewart, Maud .....	Dayville
Trenner, Harmon A.....	Glenwood, Wash.
Vrooman, Frederick Elmo.....	Hillsboro
Wilkes, Coral Lilian.....	Garibaldi
Wilkinson, Luther William.....	Oregon City
Yoder, Levi Henry.....	Needy
Yoder, Hattie J.....	Needy

## SUB-PREPARATORY.

Adams, William Huntington.....	Carrolton, Wash.
Armentrout, Frank Siegel.....	Greenville
Baker, Emerson .....	Greenville
Bisbee, Iva May.....	Forest Grove
Buxton, William Hyde.....	Buxton
Clark, Angeline Cordelia.....	Cornelius
Clayson, William.....	Forest Grove
Clayson, Frederick Hughes.....	Forest Grove
Crosley, Grace.....	Forest Grove

Curtis, Oliver Landon.....	Gales Creek
Fleck, David Franklin.....	Forest Grove
Gordon, Frank Selden.....	Forest Grove
Harrison, Elfa.....	Cross Keys
Hickox, Victor Velos.....	Forest Grove
Koch, Amelia .....	Portland
Lamberson, Letitia Amybel.....	Condon
Leach, Mark Alonzo.....	Lexington
Mackey, John Gilbert.....	Ridgefield, Wash.
McPherson, Georgia .....	Dilley
Payne, Everet Lee.....	Albany
Porter, Philip Beal.....	Forest Grove
Shepherd, Erroll.....	Forest Grove
Stephens, Alfred L.....	Buxton
Thompson, William Aaron.....	Brookfield, Wash.
Thornburgh, Thomas Walter.....	Greenville
Trenner, A.....	Glenwood, Wash.
Wills, Bert Gibson.....	Hillsboro
Willson, Eddie.....	Forest Grove
Willson, Emma.....	Gales Creek
Wilson, Maude.....	Forest Grove
Yoder, Flora Alice.....	Needy
Zinns, Georgiana Jeanette.....	San Francisco

## SPECIAL STUDENTS.

Bates, Sara Frances.....	Gaston
Bates, Ellen Abigail.....	Forest Grove
Demond, Ernest.....	Gaston
Hansen, Walter.....	Union
Hutchinson, Marie Adelaide.....	Forest Grove
Leinenweber, Hiram Brown.....	Astoria
Myers, Charlotte Grace.....	Forest Grove
Venen, Lola.....	Forest Grove
Waggener, Wilma .....	Hillsboro

## STUDENTS IN CONSERVATORY OF MUSIC.

1896—1897.

## INSTRUMENTAL.

Bates, Sara Frances.....	Gaston
Beauchamp, Bessie.....	Forest Grove
Boldrick, Sarah.....	Forest Grove
Chandler, Wilma Pearl.....	Forest Grove
Clark, Mary.....	Forest Grove
Cline, Frances May.....	Hillsboro
Dennis, Daisy May.....	Forest Grove
Ferrin, Livia.....	Forest Grove
Lancefield, Lynn.....	Forest Grove
Lee, Cora.....	New Whatcom
McHaffie, Blanche .....	Condon
Marsh, Gertrude Emily.....	Forest Grove
Marsh, Winifred.....	Forest Grove
Myers, Charlotte Grace.....	Forest Grove
Pfluger, Lavelle .....	Portland
Ransom, Edyth.....	Forest Grove
Roe, Anna Elizabeth.....	Forest Grove
Rueter, Kate.....	Forest Grove
Scott, Ruth .....	Lafayette
Tompkins, Eugenie.....	Forest Grove
Yoder, Jennie Lydia.....	Needy
Young, Julius Anton.....	Astoria

## VOCAL.

Baber, Liverne Hayward.....	Forest Grove
Bailey, Mary.....	Forest Grove
Barrett, Mrs. W. N.....	Hillsboro
Cole, Walter .....	Portland
Fletcher, William Thomas.....	Gales Creek
Gordon, Emma.....	Forest Grove
Grimes, Mrs. L. B.....	Forest Grove
Hare, Mrs. J. C.....	Hillsboro
Hughes, George R.....	Forest Grove

Hutchinson, Marie Adelaide.....	Union
Johnson, George Stafford.....	Roseburg
Lancefield, Lynn.....	Forest Grove
Lee, Cora.....	New Whatcom
Luce, Laura .....	Hillsboro
Merryman, Ethel .....	Hillsboro
Merryman, Alice .....	Hillsboro
Morrison, James McCalmont.....	Monkland
Parker, Lois West.....	Forest Grove
Pfluger, Lavelle .....	Portland
Poe, Grace .....	Hillsboro
Pohl, Mrs. Esther C.....	Forest Grove
Russell, Eleanor.....	Forest Grove
Scott, Ruth .....	Lafayette
Stewart, Emma Estelle.....	Forest Grove
Tompkins, Eugenie.....	Forest Grove
Vrooman, Frederick Elmo.....	Hillsboro
Walker, Elda.....	Forest Grove
Walker, Leva.....	Forest Grove
Warren, Zula .....	Hillsboro
Wells, Mrs. Laura.....	Forest Grove

## SUMMARY OF STUDENTS.

College .....	32
Academy .....	124
Conservatory of Music.....	52
Total .....	208
Deduct number counted more than once.....	25
Total number of different students for the Academic year 1896-1897.....	183

THE ASSOCIATE ALUMNI.

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## OFFICERS OF THE ASSOCIATE ALUMNI.

1897—98.

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## PRESIDENT,

J. T. WHALLEY..... Portland

## VICE-PRESIDENT,

MRS. J. R. ROBERTSON.....Forest Grove

## SECRETARY AND TREASURER,

W. S. MACRUM.....Portland

## ALUMNI.

1863.

Harvey W. Scott, A. M., Editor in Chief  
Oregonian.....Portland

1866.

Geo. H. Durham, A. M., Attorney-at-Law..Portland  
Myron Eells, D. D., Congregational Clergy-  
man.....Union, Wash.  
Edward B. Watson, A. M., Attorney-at-  
Law.....Portland

1867.

John Q. A. Bowlby, A. M., Attorney-at-  
Law.....Astoria  
J. Elkanah Walker, A. M., Missionary  
A. B. C. F. M.....Foochow, China  
David Raffety, B. S., M. D., Physician....Portland

1868.

Charles C. Hall, A. M., Farmer.....Portland  
Thomas H. Tongue, A. M., M. C. Fifty-  
fifth Congress.....Hillsboro

1869.

Jacob Hoover, A. M., Banker.....Spokane, Wash.  
Raleigh Stott, A. M., Attorney-at-Law....Portland  
Harriet (Hoover) Killin, M. S.....Portland

1870.

Frank L. Stott, A. B., obit 1873.....Gaston  
Addison A. Lindsley, A. B.....Union Ridge, Wash.  
Georgiana (Brown) Bowlby, M. S.....Astoria  
Phoebe Irene (Clark) Davis, M. S.....Portland  
Candace A. (Neal) Luce, M. S.....Hillsboro

1872.

Henry B. Luce, A. B., State Food Commissioner..... Hillsboro

1873.

Levi C. Walker, A. M., Surveyor..... Forest Grove  
William R. Bilyeu, B. S., Attorney-at-

Law..... Albany

W. D. Lyman, A. M., Professor of History and of the English Language and Literature, Whitman College..... Walla Walla, Wash.

Mary (Goodell) Burt, M. S..... Drain

Sarah I. Lyman, M. S..... Portland

1874.

Eugene P. McCornack, A. B., Banker... Salem

Herbert F. McCornack, A. B., M. D..... Eugene

Willard H. Latourette, B. S., Baptist General Missionary ..... Oakland, Cal.

Jacob G. Stevenson, B. S., County School

Superintendent..... Eugene

Dora (Henshaw) Morgan, M. S..... Black Diamond, Wash.

1875.

Hattie (Martin) Vestal, B. S..... Snohomish, Wash.

S. Belle (Putman) Walker, M. S..... Forest Grove

1876.

Edward M. Atkinson, A. B., Attorney-at-

Law..... Portland

Hatstara Tamura, A. M., Professor of English Language and Literature, College of Kioto..... Kioto, Japan

James T. Martin, B. S., (M. D., Univ.

Michigan, 1883)..... Woodland, Cal.

Yei Nosea, A. M., obit 1895..... Tokio, Japan

Kin Saito, B. S., (LL. B., Univ. Mich.

1871) Chief Justice of the Court of

Hokkaido..... Hakodate, Japan

Ella (Watt) Jackson, M. S..... Pullman, Wash.

1877.

William K. Curtis, B. S., Farmer.....	Forest Grove
Charles W. Schaff, B. S., M. D.....	Lewiston, Idaho
Tabitha A. (Clark) Ebert, M. S.....	Philadelphia, Pa.

1878.

Laura M. (Hoxter) Whalley, A. B.....	Portland
DeWitt Clinton Latourette, A. M., Attorney-at-Law and Banker.....	Oregon City
Horace S. Lyman, A. M., Congregational Clergyman and County School Supt..	Astoria
Ella (Scott) Latourette, A. M.....	Oregon City
Milton W. Smith, A. M., Attorney-at-Law..	Portland
Mary A. (Cresswell) Eagen, M. S.....	Pendleton
Mary S. Eaton, M. S., obit 1882.....	Oswego
Elvia H. Fearnside, obit 1879.....	Forest Grove
Mary J. (Lyman) McCoy, M. S.....	Portland
Samuel R. Stott, B. S., Attorney-at-Law..	Baker City

1879.

William N. Barrett, B. S., Attorney-at-Law..	Hillsboro
Frank M. Beckwith, B. S., Merchant.....	Mayview, Wash.

1880.

Newton McCoy, A. B., Attorney-at-Law..	Portland
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1881.

George W. Coplen, A. B.....	Latah, Wash.
John T. Whalley, A. M., Attorney-at-Law..	Portland
J. Alfred Watt, B. S., (M. D., Univ. of Mich.) Physician.....	Portland

1882.

Mitchell Gilliam, A. B., Attorney-at-Law..	Seattle, Wash.
Barnet Y. Roe, A. B., Farmer.....	Gaston
Mary Virginia Keene, M. S.....	Salem

1883.

Napoleon Davis, A. M., Attorney-at-Law..	Portland
Adelaide (Poppleton) Harding, A. B.....	Portland
Anna Jackson, M. S., Teacher.....	Portland

1884.

Joseph Beek, A. B..... Portland

1885.

Marion C. Adams, A. B., Nurseryman.... Sunset, Wash.  
 Margaret J. (Macrum) Byrd, M. S..... Salem  
 Silas M. Shipley, B. S., (LL. B., Univ.  
     Oregon, 1888) Attorney-at-Law..... Seattle, Wash.

1886.

James R. Marsh, A. B., Farmer..... Molalla  
 J. Wheelock Marsh, A. B., Postmaster.... Forest Grove  
 Laura (Marsh) Cadwell, M. S..... Olaa, Hawaii

1887.

William D. Wood, A. B., (M. D., Univ.  
     Mich., 1890) Physician..... Hillsboro  
 Callie (Campbell) Montgomery, M. S..... Woodburn  
 Mary Gray, M. S., obit 1890..... Portland  
 Ethel Gray, M. S..... Portland  
 Nellie (Woods) Adams, M. S..... Forest Grove  
 J. C. Clark, B. S..... Portland

1888.

Estella S. Porter, A. B., obit 1889..... Forest Grove  
 Fred N. Hallett, B. S., Banker..... Juliaetta, Idaho  
 Frank Hinman, B. S., Merchant..... Ellensburg, Wash.  
 William P. Marsh, B. S., (A. B., U. Vt.,  
     1895), with Estey & Camp..... Chicago, Ill.  
 John U. Smith, B. S., (LL. B., Univ. Ore-  
     gon, 1890), Attorney-at-Law and U. S.  
     Commissioner..... Circle City, Alaska

1889.

Mattie E. (Koontz) Smith, B. S..... Portland  
 Sidney E. Marsh, A. B., Journalist, obit  
     1890..... Port Townsend, Wash.  
 Clay McNamee, B. S., Attorney-at-Law... Moscow, Idaho

## 1890.

William S. Macrum, A. B., (LL. B., Univ. of Oregon, 1897) Bank Clerk.....	Portland
Gustaf Walter Nelson, A. B., Congrega- tional Clergyman.....	Port Angeles, Wash.
Mary Ellen Lee, M. S., Teacher.....	New Whatcom, Wash.
Alexander C. Alexander, B. S.....	Kalama, Wash.
Lafayette Lincoln Bush, B. S.....	Bay Centre, Wash.

## 1891.

William A. Bates, B. S., Book-keeper.....	Lafayette
Margaret Hinman, B. L.....	Forest Grove
John S. Hodgin, B. S, Teacher.....	Roseburg
John A. Lee, A. B., Teacher.....	New Whatcom, Wash.
Mary E. (Patton) Snider, A. B.....	Soquel, Cal.
Asa B. Snider, B. S.. Congregational Cler- gyman.....	Soquel, Cal.

## 1892.

William A. Bond, B. S.....	_____
Jesse R. Caples, B. S., Attorney-at-Law..	Portland
Ernest E. Merges, B. L., Attorney-at-Law.	Portland
Edward L. Naylor, B. L., Real Estate....	Forest Grove
Pem Patton, B. S., Farmer.....	Gaston

## 1893.

E. Austin Bond, A. B., Teacher.....	Chehalis, Wash.
Nancy B. (Morrison) Thomas, B. L.....	Forest Grove
Horace D. Stewart, A. B., Assayer.....	Fort Steele, B. C.
Loring V. Stewart, A. B. (M. L. Yale '97)..	Baker City, Or.
Dwight H. Thomas, B. S., Teacher.....	Forest Grove
Edith L. (Tongue) Reames, B. L.....	Jacksonville

## 1894.

Thomas Hays Adams, A. M., Merchant...	Forest Grove
Austin Craig, B. L., Editor and County School Superintendent.....	Forest Grove
Fred Ross Smith, A. B., Teacher:.....	Bay City

1895.

- Florence McKercher, A. B.....Portland  
William S. Shiach, A. B.....Wardner, Idaho

1896.

- Ruel M. Bisbee, B. S., Farmer.....Forest Grove  
Ida M. Eells, A. B., Teacher.....Tacoma, Wash.  
M. Catherine (Lansing) Robertson, A. B....Forest Grove  
John W. Macrum, B. S.....Forest Grove, Or.  
Emma E. Stewart, A. B.....Forest Grove

1897.

- Philip E. Bauer, B. S.....Tualatin  
Charles E. Bradley, B. S.....Greenville  
Harvey H. Hartley, A. B.....Greenville

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#### ERRATA.

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Page 11, heading "Library and Reading Room," read "Lectures and Addresses."

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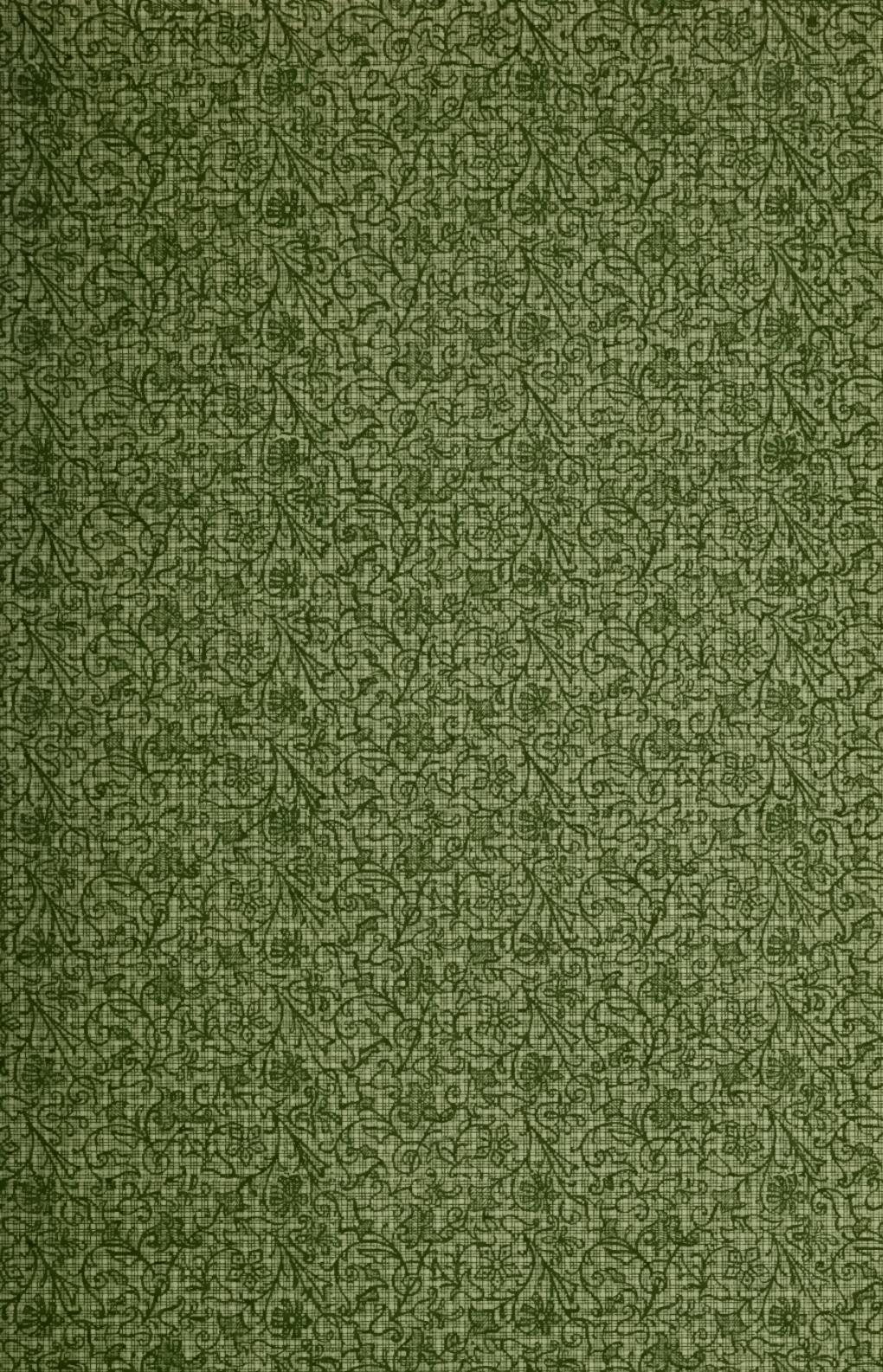












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